Undergraduate Bulletin 2012-2014

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Biennial Catalog Issue, 2012-2014, Volume LXXXIX

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New

What's New

This file records additions and changes to the UCA *Undergraduate Bulletin* 2008-2010. Minor editorial corrections are not noted here, but individual files indicate a "Last Modified" date. Parenthetical initials indicate the responsible person. Contact the Undergraduate Studies office (852-2507) or email ubulletin@uca.edu if you have questions.

August 2008

2008-2010 UBulletin posted (jag/2008-08-30)

September 2008

New course added - CSCI 4315 - Information Security 4.06.04 (ja/2008-09-08)

FACS degree program reconfiguration. Addition of BS in Nutrition; BS a BA Interior Design majors 3.04.02 (ja/2008-09-16)

Update to Physical Therapy page 3.04.10 (ja/2008/09/24)

October 2008

Updates to Faculty Roster section 5.02 (ja/2008-10-17)

Update to computer science page 3.06.04 (ja/2008-10-17)

November 2008

Updated History Department faculty 3.05.04 (ja/2008-11-06)

MATH 4310 - Topics in Mathematics for Elementary and Middle Level Teachers title change to Topics in Mathematics for Early Childhood Teachers 3.06.05 (ja/2008-11-20)

Added MATH 2335 to the BSE minor as a requirement and delete three-hour elective requirement 3.06.05 (ja/2008-11-20)

New course BIOL 3190 - Economic Botany Laboratory 3.06.02 (ja/2008-11-21)

ECSE 4321/4322/4323/4324 catalog description change 4.02.02 (ja/2008-11-21)

Updated Teaching, Learning and Technology bulletin wording per Debbie Barnes 3.02.03 (ja/2008-11-18)

Updated Early Childhood and Special Education bulletin wording per Debbie Barnes 3.02.02 (ja/2008-11-19)

December 2008

Updated College of Education bulletin wording per Debbie Barnes 3.02.01 (ja/2008-12-02)

January 2009

Updated faculty and major/minor requirements for Philosophy 3.05.05 (ja/2009-01-28)

New courses PSYC 4182, PSYC 4282, PSYC 4180 and PSYC 4280 3.04.11 (ja/2009-01-28)

Revision to African-African Studies minor from 27 to 21 hours 3.07.01 (ja/2009-01-28)

NURS 4330 Cultural and Human Diversity in Nursing (new course) 3.04.08 (ja/2008-01-28)

New courses WRTG 3373, WRTG 3375, WRTG 3374, WRTG 4345, WRTG 4350 and WRTG 4355 3.03.05 (ja/2009-01-28)

SPAN 2310 title change to Intermediate Spanish II 3.05.08 (ja/2009-01-29)

SPAN 2320 title change to Intermediate Spanish III 3.05.08 (ja/2009-01-29)

GEOG 3305 bulletin revision 3.05.03 (ja/2009-01-29)

February 2009

New program BA in Interdisciplinary Liberal Studies 3.07.09 (ja/2009-02-03)

Added Middle Level Algebra I Endorsement and Grades 5-6 Endorsement to College of Education general information page 3.02.01 (ja/2009-02-05)

HIST 4365 - The History of Imperialism: A Review of World Colonial Systems (new course) 3.05.04 (ja/2009-02-10)

MGMT/MKTG 3365 and MGMT/MKTG 3375 dual/cross listed 3.01.04 (ja/2009-02-10)

Computer Science program revisions 3.06.04 (ja/2009-02-10)

MUS 3304 title change to Secondary Instrumental Methods in Music Education 3.03.04 (ja/2009-02-10)

March 2009

ECON 4333 - Intermediate Microeconomics course number change to ECON 3301 3.01.03 (ja/2009-03-09)

ECON 4370 - Intermediate Macroeconomics course number change to ECON 3302 3.01.03 (ja/2009-03-09)

ENGL 3375 - Internship in English (new course) 3.05.02 (ja/2009-03-09)

HIST 4360 - History of the African American Civil Rights Movement in the United States (new course) 3.05.04 (ja/2009-03-09)

WRTG 3331 - Forms of Illustrated Narrative (new course) 3.03.05 (ja/2009-03-09)

WRTG 3376 - Screenwriting Workshop (new course) 3.03.05 (ja/2009-03-09)

WRTG 3377 - Genre Fiction Workshop (new course) 3.03.05 (ja/2009-03-09)

WRTG 4371 - Novel Writing Workshop (new course) 3.03.05 (ja/2009-03-09)

BIOL 4330 - Principles of the Cardiovascular System (new course) 3.06.02 (ja/2009-03-09)

BIOL 4407 - Ornithology (new course) 3.06.02 (ja/2009-03-09)

BIOL 4406 - Mammalogy (new course) 3.06.02 (ja/2009-03-09)

RELG 2300 - Religion in the United States (new course) 3.05.05 (ja/2009-03-09)

Bulletin revision for BIOL 1100, 1305, 1400, 2405, 2406, 2407, 2411, 2420 and 3370 3.06.02 (ja/2009-03-09)

ENGL 4350 - Internship I title change to English Education Internship I 3.05.02 (ja/2009-03-09)

ENGL 4680 - Internship II title change to English Education Internship II 3.05.02 (ja/2009-03-09)

ENGL 4681 - Internship II title change to English Education Internship II 3.05.02 (ja/2009-03-09)

WRTG 3300 - Creative Writing deleted as a course and removed from list of Creative Writing courses 3.03.05 (ja/2009-03-12)

Course levels and hour change for Radiography Program 3.04.12 (ja/2009-03-16)

April 2009

CHIN 3300 - Advanced Chinese Grammar I (new course) 3.05.08 (ja/2009/courses2)

CHIN 3303 - Advanced Chinese Grammar II (new course) 3.05.08 (ja/2009-04-22)

CHIN 3312 - Culture and Society: Advanced Readings on Modern China (new course) 3.05.08 (ja/2009-04-22)

CHIN 3320 - Advanced Readings in Chinese Literature (new course) 3.05.08 (ja/2009-04-22)

CSCI 4370 - Data Mining (new course) 3.06.04 (ja/2009-04-22)

H ED 4320 - Health Promotion Interventions changed from an elective to a requirement for the BS in Health Education. Required hours changed from 24 to 27 and elective hours changed from 12 to 9 3.04.03 (ja/2009-04-22)

H ED 4320 - Health Promotion Interventions prerequisite of H ED 3301 or H ED 4331 added 3.04.03 (ja/2009-04-22)

Bulletin changes to the BM in Music Education section 3.03.04 (ja/2009-04-22)

Bulletin changes to the BM in Performance section 3.03.04 (ja/2009-04-22)

GERM 2310 - German Conversation and Composition I title change to Intermediate German I 3.05.08 (ja/2009-04-22)

GERM 2320 - German Conversation and Composition II title change to Intermediate German II 3.05.08 (ja/2009-04-22)

May 2009

Updated list of courses for the General Education Program 2.07 (ja/2009-05-05)

ART 3321 - Digital Photography (new course) 4.03.02 (ja/2009-05-06)

Prerequisite change to ART 3325 - Color 4.03.02 (ja/2009-05-06)

Creation of pre-BFA track - Studio Art 3.03.02 (ja/2009-05-06)

CHIN 2340 - Intensive Chinese Conversation Abroad (new course) 4.05.08(h) (ja/2009-05-06)

HIST 4347 - Cultural and Intellectual History of Modern Europe bulletin revision and title change to Ideas and Society in Modern Europe 4.05.04 (ja/2009-05-0

Deletion of HIST 3315. HIST4305, HIST 4371, and HIST 4393 4.05.04 (ja/2009-05-06)

HIST 4330 title change to THE CIVIL WAR AND RECONSTRUCTION, 1848-1877 and bulletin revision 4.05.04 (ja/2009-05-06)

HIST 4347 title change to IDEAS AND SOCIETY IN MODERN EUROPE and bulletin revision 4.05.04 (ja/2009-05-04)

HIST 4377 title change to EUROPE IN A GLOBAL ERA and bulletin revision 4.05.04 (ja/2009-05-04)

HIST 4362 title change to TUDOR AND STUART ENGLAND 1485-1690 4.05.04 (ja/2009-05-04)

Prerequisite changes for WRTG 2310, 2315, 3305, 3320, 3325, 3330, 3331, 3335, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377, 4310, 4324, 4340 and 4371 4.03.05(c) (ja/2009-05-07)

WRTG 1310 bulletin revision 4.03.05(c) (ja/2009-05-07)

Bachelor of Science in Health Science, Physical Therapy Emphasis curriculum changes 3.04.10 (ja/2009-05-08)

Bachelor of Science in Community Health Education curriulum changes 3.04.03 (ja/2009-05-08)

BIOL 1400 to include three thematic sections. Updated course description 4.06.02 (ja/2009-05-29)

June 2009

Changes to music program admission audition requirements 3.03.04 (ja/2009-06-01)

Minor editorial changes to Sociology program 3.05.07 (ja/2009-06-22)

Corrected link in College of Education page 3.02.01 (jag/2009-06-24)

Minor editorial change to WRTG course list 4.03.05(c) (jag/2009-06-24)

July 2009

Minor editorial changes to Physical Therapy 3.04.10 (ja/2009-07-01)

Department of Writing split from Department of Writing and Speech. Moved from 3.03.05 to 3.03.06 (ja/2009-07-09)

Writing courses split from Department of Writing and Speech. Moved from 4.03.05c to 4.03.06 (ja/2009-07-09)

Updates made to Department of Speech and Public Relations 3.03.05 (ja/2009-07-09)

Editorial changes to College of Education page 3.02.01 (ja/2009-07-21)

Editorial changes made to Early Childhood and Special Education 3.02.02 (ja/2009-07-22)

Editorial changes made to courses in Early Childhood and Special Education 4.02.02 (ja/2009-07-22)

Editorial changes made to Teaching, Learning and Technology 3.02.03 (ja/2009-07-22)

New Minor in Creative Writing 3.03.06 (ja/2009-07-29)

New Minor in Mandarin Chinese 3.05.08 (ja/2009-07-29)

August 2009

New BA in Creative Writing major 3.03.06 (ja/2009-08-21)

Numbering change from CHEM 4100/4200/4300 to 4109/4209/4309 3.06.03 (ja/2009-08-26)

September 2009

Removed MATH 3331 from electives under BA/BS Major in Mathematics 3.06.05 (ja/2009-09-01)

BIOL 4480 - History of Life (new course) 4.06.02 (ja/2009-09-08)

INSU 1300 - Introduction to Insurance (new course) 4.01.03(c) (ja/2009-09-08)

ENVR 4310 - Practicum in Environmental Science level change to ENVR 4410 4.07.03 (ja/2009-09-08)

Revision of the Asian Studies Minor 3.07.02 (ja/2009-09-08)

MKTG 4362 - Services Marketing changed from required to an elective and prerequisite change 3.01.04 (ja/2009-09-08)

MKTG 4370 - Direct Marketing changed from required to an elective and prerequisite change 3.01.04 (ja/2009-09-08)

Prefix change to LING for 2320, 2350,3315, 3325, 4330, 4340, 4350 and 4355 3.03.06 (ja/2009-09-08)

October 2009

Uploaded PDF copy of UBulletin ub20082010.pdf (jag/2009-10-02)

MATH 1191 - Mathematics Software changed from required to an elective 3.06.05 (ja/2009-10-09)

MATH 4316 - Fundamentals of Applied Mathematics for Fluid Mechanics and Granular Materials (new course) 3.06.05 (ja/2009-10-09)

MATH 4330 - Mathematical Modeling in Biology (new course) 3.06.05 (ja/2009-10-09)

November 2009

Updated Chemistry faculty 3.06.03 (ja/2009-11-09)

BA in Linguistics 3.03.06 (ja/2009-11-10)

Revision of BA/BS in Theatre major with seven new courses 3.03.03 (ja/2009-11-17)

December 2009

Change in course prefix from H ED 3123 to HSC 3123 under section 3.1 of Occupational Therapy 3.04.09 (ja/2009-12-9)

January 2010

Subject prefix changes from FACS to IDSN under IDSN courses 4.04.02 (ja/2010-01-07)

Added MSIT 4321 INTEGRATED CURRICULUM, PLANNING, AND ASSESSMENT: SECONDARY was in banner and not the bulletin 3.02.03 (ja/2010-01-08)

Recreated webpage link to degree plan for Early Childhood Education 3.02.02 (ja/2010-01-13)

Recreated webpage links to degree plan for Teaching, Learning and Technology 3.02.03 (ja/2010-01-13)

Made correction to BS in Chemistry, ACS Biochemistry Track changing BIOL 4420 to 3420 3.06.03 (ja/2010-01-14)

LING 4325 number change to 3325 - Sociolinguistics 3.03.06 (ja/20101-01-19)

LING 4315 number change to 3315 - Semantics 3.03.06 (ja/2010-01-19)

WRTG 3330 Forms of Nonfiction title change to Forms of Creative Nonfiction 3.03.06 (ja/2010-01-21)

NUTR 4335 Nutrition Senior Seminar (new course) 4.04.02 (ja/2010-01-22)

Deletion of ENGL 4344 - English Drama 1600 to Present 3.05.02 (ja/2010-01-21)

February 2010

ENGL 4345 - Twentieth-Century English Drama (new course) 3.05.02 (ja/2010-02-12)

ENGL 4346 - Restoration and Eighteenth-Century Drama (new course) 3.05.02 (ja/2010-02-12)

ENGL 4347 - Twentieth-Century American Drama (new course) 3.05.02 (ja/2010-02-12)

Bulletin revisions to Family and Consumer Sciences updating NUTR prefix in all areas 3.04.02 (ja/2010-02-25)

April 2010

PHIL 3390 - Internship in Philosophy (new course) 3.05.05 (ja/2010-04-01)

ENGL 4364 - Special Topics in Children's and Young Adult Literature (new course) 3.05.02 (ja/2010-04-01)

FREN 3330 - Advanced Business French (new course) 3.05.08 (ja/2010-04-01)

HIST 4333 - United States Immigration and Ethnic History from Colonial Times to Present (new course) 3.05.04 (ja/2010-04-01)

FREN 2330 - Business French title change to Introduction to Business French 3.05.08 (ja/2010-04-02)

SPAN 2330 - Business Spanish title change to Introduction to Business Spanish 3.05.08 (ja/2010-04-02)

Deleted SPTH 2303, SPTH 4303 and SPCH 3307 from list of electives under Linguistics Minor 3.03.06 (ja/2010-04-02)

Moved LING 4345 and LING 4350 to choice of required courses and ENGL 4360 and PHIL 4330 to electives under Linguistics Minor 3.03.06 (ja/2010-04-02)

Changes in requirements for BS in Health Science (Physical Therapy Emphasis) 3.04.10 (ja/2010-04-02)

PSYC 2360 - Comparative Psychology (new course) 3.04.11 (ja/2010-04-02)

HIST 4305 - The United States and the Middle East, 1776 to the Present (new course) 4.05.04 (ja/2010-04-29)

MUS 4311 - Introduction to Linear Analysis (new course) 4.03.04(a) (ja/2001-04-29)

MUS 2305 - Music of China (new course) 4.03.04(a) (ja/2010-04-29)

ACCT 4304 - Governmental/Not-for-Profit Accounting title change from Accounting for Governmental and Nonprofit Organizations 4.01.02 (ja/2001-04-29)

MCOM 3373 - Documentary Production prefix change to FILM 3373 3.03.03 (ja/2010-04-30)

MCOM 2466 - Digital Filmmaking 1 prerequisite change to MCOM 1300 and FILM 1305 4.03.03(a) (ja/2010-04-30)

FILM 3456 - Digital Filmmaking 2 prerequisite change to FILM 2310 and FILM 2455 4.03.03(a) (ja/2010-04-30)

FILM 3373 - Documentary Production prerequisite change to FILM 2466 4.03.03(a) (ja/2010-04-30)

FILM 4392 - Topics in Digital Production prerequisite change to FILM 2466 4.03.03(a) (ja/2010-04-30)

MCOM 3307 - Media Theory and Research title change to Theories of Mass Communication 4.03.03(b) (ja/2010-04-30)

May 2010

KPED 2255 - Emergency Care in Athletic Training (new course) 4.04.04(b) (ja/2010-05-05)

KPED 2356 - Athletic Training Practicum (new course) 4.04.04(b) (ja/2010-05-05)

Revisions to Athletic Training webpage 3.04.04(e) (ja/2010-05-05)

Revisions to Athletic Training course descriptions 4.04.04(b) (ja/2010-05-05)

FILM 3363 Audio Production and Design for Film 4.03.03(a) (ja/2010-05-05)

Increase BS Economics major from 27 to 30 hours and delete MATH 3311 as a requirement 3.01.03 (ja/2010-05-05)

WRTG 3345 Forms of Writing for Children (new course) 4.03.06 (ja/2010-05-05)

LING 4360 Historical Linguistics and Language Change (new course) 4.03.06(b) (ja/2010-05-05)

LING 4370 Field Methods in Linguistics (new course) 4.03.06(b) (ja/2010-05-05)

September 2010

Athletic Training Education Program addition to admission criteria and expenses incurred by students 3.04.04(e) (ja/2010-09-27)

Deletion of CHEM 3350 and CHEM 3300 3.06.03(ja/2010-09-27

CHEM 1402 - Physiological Chemistry I title change to General Chemistry for Health Sciences and CHEM 2450 - Physiological Chemistry II title change to Introduction to Organic and Biochemistry 3.06.03 (ja/2010-09-27)

Change in description of minor in Chemistry 3.06.03 (ja/2010-09-17)

PCSI 4345 - Governments and Politics of Sub-Saharan Afrida title change to Governments and Politics of Africa 4.05.08 (ja/2010-09-17)

Require MATH 2335 as a prerequisite for Math 3360 4.06.05 (ja/2010-09-17)

GEOG 2302 - Conservation and Land Use title change to Conservation of Natural Resources 4.05.03 (ja/2010-09-16)

Reorganization of Category A in Area Studies in Art 3.03.02 (ja/2010-09-17)

New 26-hour minor in Digital Filmmaking 3.03.03 (ja/2010-09-27)

SPAN 3370 - Introduction to Spanish Translation (new course) 3.05.08 (ja/2010-09-27)

ART 3380 - Slip Casting & Glaze Formulation (new course) 3.03.02 (ja/2010-09-27)

ART ART 1310 - Design I, 2-D title change to 2-D Design 4.03.02 (ja/2010-09-17)

ART 2312 - Design II, 3-D title change to 3-D Design 4.03.02 (ja/2010-09-17)

ART 2335 - Art History, Ancient title change to Art History, Prehistoric to Medieval 4.03.02 (ja/2010-09-17)

ART 3350 - Fibers bulletin revision 4.03.02 (ja/2010-09-17)

October 2010

Deletion of ENGL 4352 - American Modernism, 1900-1945 4.05.02 (ja/2010-10-04)

Deletion of ENGL 4353 - American PostModernism 1945 to Present 4.05.02 (ja/2010-10-04)

ENGL 4354 - Postmodernism (new course) 4.05.02 (ja/2010-10-03)

Deletion of ENGL 3371 - The Modern Novel 4.05.02 (ja/2010-10-03)

ENGL 3372 - American Novel to 1900 level change to ENGL 4371 4.05.02 (ja/2010-10-03)

ENGL 4314 - American Fiction since 1900 (new course) 4.05.02 (ja/2010-10-03)

ENGL 4355 - Modernism (new course) 4.05.02 (ja/2010-10-03)

Established AFAM as a new prefix for the African and African American Studies major and minor 3.07.01 (ja/2010-10-04)

ENGL 1310 - Introduction to African and African American Studies prefix change to AFAM 1310 4.09.07 (ja/2010-10-04)

RELG 4325 - Postmodern Theology (new course) 4.07.07 (ja/2010-10-04)

MUS 3205 - Advanced Conducting Methods for the School Band (new course) 4.03.04(a) (ja/2010-10-04)

MUS 2211 - Integration of Music Technology into Teaching and Learning 4.03.04(a) (ja/2010-10-04)

GEOG 2302 - Conservation Natural Resources level change to GEOG 3301 4.05.03 (ja/2010-10-03)

PSCI 4307 – Political Ethics (new course) 4.05.06 (ja/2010-10-03)

PSCI 2322 – Political Science Applications in GIS 4.05.06 (ja/2010-10-03)

Add PSCI 2322 as an option to the International Studies program 3.05.06 (ja/2010-10-03)

Add PSCI 2322 as an option to the Political Science major 3.05.06 (ja/2010-10-03)

MATH 2441 – Introduction to Mathematical Computation 4.06.05 (ja/2010-10-03)

MATH 4374 – Introduction to Stochastic Processes 4.06.05 (ja/2010-10-03)

Change MATH 2441 – Introduction to Mathematical Computation from an elective to a requirement and change CSCI 1470– Computer Science I from a requirement to an elecive in the Applied Mathematics Option 3.06.05 (ja/2010-10-03)

December 2010

FINA 4334 – Financial Derivatives new course added to banner effective Spring 2012 but not added to the UBulletin (will do so during the Spring 2011 semeste 4.01.03(b) (ja/2010-12-06)

PSYC 2360 – Comparative Psychology number change to PSYC 4310 – Comparative Psychology 4.04.11 (ja/2010-12-06)

PSCI 4312 – China & International Politics new course 4.05.06 (ja/2010-12-06)

PSCI 3340 – Governments & Politics of Europe and the Former Soviet Union title change to Governments & Politics of Europe and Russia 4.05.06 (ja/2010-12-0

SPAN 3303 – Advanced Composition and Textual Analysis prerequisite change to SPAN 3300, departmental placement, or consent of chair 4.05.08(g) (ja/2010-12-06)

Computer Science – deletion of courses not offered in the past five years that are still listed in the UBulletin: CSCI 1125, 1130, 1350, 4345 4.06.04 (ja/2010-12-06)

Refsys

Bulletin Reference Conventions

With the Undergraduate Bulletin's move to a "digital-first" format--i.e., a document designed for on-line and on-disk distribution rather than print delivery--pagination in this important document loses its usefulness, and a new referencing scheme becomes necessary. Beginning with the 2002-2004 volume, then, content within the UCA Undergraduate Bulletin is properly referenced by "document number" and, where relevant, section and subsection number.

Explanation: Every content file (and most of the non-content ones) in the digital bulletin has a document number. This number is displayed, when the file is opened in a browser, at the upper left corner just below the standard links and UCA Undergraduate Bulletin banner (see position above).

Where appropriate, in addition, the bulletin's files have been divided into sections and subsections (1, 1.1, 1.2, 1.2.1, 1.2.2, etc.).

Within the files, section headings look like this:

[1] First-level heading

[1.1] Second-level heading

[1.1.1] Third-level heading

A reference to the bulletin's description of the Academic Clemency policy would, then, for example, read "2.06, sec. 9" (document 2.06, section 9; jump to this reference: 206.php#sec09); if one wished to refer specifically to the subsection describing the academic clemency requestion process, one would refer to "2.06, sec. 9.2" (document 2.06, section 9, subsection 2; jump to this reference: 206.php#sec0902).

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Bulletin Provisions

The University of Central Arkansas anticipates that students entering the university during the effective years of this bulletin will be governed by the graduation requirements and other policies and procedures set forth herein. However, the university reserves the right to change such requirements, policies, or procedure in accordance with its established procedures for decision making, which exist to protect the academic integrity of its programs and the individual student's interests and welfare. A student may opt for a subsequent bulletin but must meet all of the requirements specified by that bulletin. After initial enrollment, a student who returns to the university after any period of non-enrollment of 12 months or more must complete the requirements of the bulletin in effect at the time of re-enrollment.

Notice of Non-Discrimination

Undergraduate Bulletin
Document Number 1.02

The University of Central Arkansas is an affirmative action/equal opportunity institution. In keeping with its non-discrimination policy in employment, admissio and other functions and programs, the university considers employees and students on the basis of individual merit without regard to sex, race or color, religio national origin, age, disability, or other factors irrelevant to participation in its programs. Persons having questions or seeking information regarding the university's implementation of regulations and requirements related to this policy should contact one of the following:

Affirmative Action/Equal Employment Officer
University of Central Arkansas
201 Donaghey Avenue
Conway, Arkansas 72035
(501) 450-3170

Director of Disability Support Services
Student Health Suite 212
Conway, AR 72035
(501) 450-3613

Director of Human Resources
University of Central Arkansas
201 Donaghey Avenue
Conway, AR 72035
(501) 450-3181

Accreditation

Undergraduate Bulletin
Document Number 1.03

The University of Central Arkansas is accredited by the Higher Learning Commission (HLC) as a bachelor's, master's, specialist's, and doctoral degree granting institution and is a member of the North Central Association of Colleges and Schools.

The master's and baccalaureate degrees in business administration are accredited by AACSB International - The Association to Advance Collegiate Schools of Business.

The National Council for the Accreditation of Teacher Education (NCATE) accredits the teacher education program at the initial teacher preparation level and advanced levels.

The National Association for the Education of Young Children (NAEYC) accredits the Child Study Center.

The baccalaureate degree program in athletic training is accredited by the Commission on Accreditation of Athletic Training Education. The graduate dietetics internship program and the undergraduate didactic program in dietetics are accredited by the Commission on Accreditation for Dietetics Education. The baccalaurate program in interior design is accredited by the Council for Interior Design Accreditation. The master's and baccalaureate programs in nursing are accredited by the Commission on Collegiate Nursing Education. The master's degree program in occupational therapy is accredited by the Accreditation Council for Occupational Therapy Education. The physical therapist education program is accredited by the Commission on Accreditation in Physical Therapy Education. The doctoral program in school psychology is accredited by the American Psychological Association, and the master's program in school psychology is accredite by the National Association of School Psychology. The master's degree program in speech-language pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology.

The following baccalaureate programs are accredited in affiliated professional education programs: medical technology (National Accrediting Agency for Clinica Laboratory Sciences), radiography (Joint Review Committee on Education in Radiologic Technology), and nuclear medicine technology (Joint Review Committee on Education Programs in Nuclear Medicine Technology).

The University of Central Arkansas is an accredited institutional member of the National Association of Schools of Art and Design (programs: Art, Studio Art, an Interior Design), the National Association of Schools of Music (program: Music), and the National Association of Schools of Theatre (program: Theatre).

The baccalaureate degree in chemistry is approved by the Committee on Professional Training of the American Chemical Society. The baccalaureate degree in computer science is accredited by the Computing Accreditation Commission of ABET.

The University of Central Arkansas' concurrent enrollment program is accredited by the National Alliance of Concurrent Enrollment Partnerships.

Documentation of accreditation status is available in the President's Office.

Accreditation by the Higher Learning Commission and membership in the North Central Association may be verified by contacting the Commission:

North Central Association of Colleges and Schools
Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411

Telephone: (312) 263-0456 or (800) 621-7440 (voice); (312) 263-7462 (fax)
Web: http://www.ncahigherlearningcommission.org/
To access UCA's current Statement of Affiliation Status online, use this link.

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Program Completion Plans

Undergraduate Bulletin
Document Number 1.04

UCA's academic departments have developed Program Completion Plans for undergraduate majors and emphases. Many Program Completion Plans provide a schedule for guaranteed completion of the program in eight semesters. For a complete list of plans follow this link: Program Completion Plan index.

ACTS - Arkansas Course Transfer System

Undergraduate Bulletin
Document Number 1.05

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses among Arkansas public colleges and universities. Studen are guaranteed the transfer of applicable credits and the equitable treatment in the application of credits for the admissions and degree requirements. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Additionally, courses with a "D" frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet by going to the ADHE website and selecting Course Transfer.

Mission and Origins of the University

Undergraduate Bulletin
Document Number 2.01

[1] Mission

The University of Central Arkansas dedicates itself to academic vitality, integrity, and diversity.

Read more...

[2] Origins

The University of Central Arkansas (UCA) has served the state and the nation for nearly a century. Established in 1907 by the General Assembly as the Arkansas State Normal School, the institution was charged with the responsibly of training teachers. Instruction began in 1908 with 107 students, a faculty of eight, and a physical plant consisting of one partially completed building. The first diploma granted was the Licentiate of Instruction, followed in 1920 by the establishment curricula leading to a baccalaureate degree. The terms of the act establishing the school and its location in central Arkansas recognized the state-wide service the institution was expected to promote. The autonomy of its Board of Trustees also gave the institution freedom to expand and diversify academic programs t meet the growing needs of the state. Thus, in 1925, the college was renamed to Arkansas State Teachers College and added and broadened liberal arts programs and increased specialized offerings and degrees. In 1955, the college inaugurated its first graduate program. In 1967, the college was renamed to State College of Arkansas to reflect the institution's varied and comprehensive curricula, and, in 1969, the institution established four colleges to provide administration for the growing number of academic programs. The institution became the University of Central Arkansas in 1975 to reflect its status as a mode comprehensive university. Since 1975, the university has added two additional academic colleges, an honors college, and several new undergraduate and graduate degrees, including doctoral programs in physical therapy, school psychology, and communication sciences and disorders. Today, more than 11,000 students attend classes taught by a faculty of nearly 500, and a campus master plan has been implemented to accommodate the university's significant growth

The university seeks to preserve the informality and friendliness of a small school. Its programs and traditions guard against impersonal or disrespectful treatment of students. UCA is a community of several thousand very different individuals about whom generalization is difficult. Yet there does prevail a comm devotion to learning, to the creative as well as the critical capacity, to intellectual freedom tempered with responsibility, to personal integrity, and to respect for the freedom and integrity of others. These qualities are deeply embedded in the university, having been developed for over nine decades. Finally, the university conducts its affairs among individuals and groups without discrimination regarding race, color, sex, religion, national origin, age, disability, or other factors irrelevant to participation in any program.

Academic Program and Organization

[1] College of Business Administration

- Accounting - minor, BBA, MAcc
- Business - AAS
- Business Administration - BBA, MBA
- Economics - minor, BBA, BA, BS
- Economics, International Trade Emphasis - BA, BBA
- Finance - BBA
- Insurance and Risk Management - BBA
- Insurance and Risk Management, Personal and Financial Planning Track - BBA
- Management Information Systems (four tracks)- BBA, minor
- Management - BBA, minor
- Marketing - BBA, minor

[2] College of Education

- Advanced Studies in Teacher Leadership - MSE
- College Student Personnel Services and Administration - MS
- Educational Leadership - EdS
- Early Childhood Education - BSE (P-4)
- Instructional Technology - MS
- Leadership Studies - PhD
- Library Media and Information Technology - MS
- Master of Arts in Teaching - MAT
- Middle Level Education (4-8) - BSE
- Reading - MSE
- School Counseling, MS
- School Leadership, Management, and Administration - MS
- Secondary 7-12 and Preschool-12 Teacher Preparation Programs (College of Fine Arts and Communication: Art, Music; College of Health and Behavioral Sciences: Family and Consumer Sciences, Kinesiology and Physical Education; College of Liberal Arts: English, French, Social Studies, Spanish; College of Natural Sciences and Mathematics: Mathematics, Secondary Science
- Special Education - MSE
    - Collaborative Instructional Specialist, Ages 0-8
    - Collaborative Instructional Specialist, Grades 4-12

[3] College of Fine Arts and Communication

- Art - BA (enphasis in fine arts, art education, art history), minor
- Art History - minor

  Communication - BA, BS, minor
- Creative Writing - BA, minor
- Digital Filmmaking - BA, BS, MFA, minor

  Journalism - BA, BS (emphasis in print journalism, broadcast journalism, online journalism, or mass communication research), minor
- Linguistics - BA, minor
- Music - BA, BM (emphasis in performance or music education), MM, minor (non-teaching)
- Public Relations - BA, BS, minor
- Studio Art - BFA (emphasis in ceramics, graphic design, painting, photography, printmaking, sculpture)
- Theatre - BA, BS, minor
- Writing - BA (general or professional writing tracks, minor (general writing or professional writing)

[4] College of Health and Behavioral Sciences

- Addiction Studies - BS

- Athletic Training – BS
- Communication Sciences and Disorders – BS, MS, PhD
- Community Counseling – MS
- Counseling Psychology – MS
- Family and Consumer Sciences – BS, BSE, MS, minor
- Gerontology – minor
- Health Education – BS, MS, minor
- Health Sciences – BS (Emphasis in Gerontology, Health Services Administration, Occupational Therapy, and Physical Therapy)
- Health Systems – MS
- Interior Design – BA, BS
- Kinesiology – BS, MS
- Kinesiology and Physical Education – BSE, minor
- Medical Technology – BS
- Military Science – minor
- Nuclear Medicine Technology – BS
- Nursing – BSN, MSN
- Nutrition/Dietetics – BS, MS
- Occupational Therapy – MS
- Physical Therapy – MS, DPT, PhD
- Psychology – BA, BS, minor
- Radiography – BS
- School Psychology – MS, PhD

[5] College of Liberal Arts

- African and African-American Studies, BA, minor
- Anthropology – minor
- Community and Economic Development, MS
- English – BA, MA, minor
- French – BA, minor
- Geographic Information Science – minor
- Geographic Information Systems – GC, MGIS
- Geography – BA, BS, minor
- German – minor
- History – BA, BS, MA, minor
- International Studies – BA, minor
- Mandarine Chinese – minor
- Modern Languages – BA
- Philosophy – BA, BS, minor
- Political Science – BA, BS, minor
- Presidential Studies – minor
- Public Administration – BS
- Religious Studies – BA, minor
- Social Studies, History Emphasis – BSE
- Sociology – BA, BS, minor
- Spanish – BA, MA, minor

[6] College of Natural Sciences and Mathematics

- Biology – BS, MS, minor
- Chemistry – BS, minor
- Computer Science – BS, MS, minor
- Mathematics – BA, BS, BSE, MA, MS, minor
- Physics – BS, minor
- Physical Science – minor
- Secondary Science Education – BSE

- Statistics – minor

[7] University College

- General Studies – AA

[8] Interdisciplinary Programs

- African/African-American Studies – BA, miinor
- Asian Studies – minor
- Environmental Science – BS
- Gender Studies – minor
- General Science – BS
- Interdisciplinary Liberal Studies– BA
- Latin American Studies – minor
- Religious Studies – BA, minor
- Southern and Arkansas Studies – minor

[9] Pre-Professional Training

- Pre-Cardio Respiratory Care
- Pre-Dentistry
- Pre-Dental Hygiene
- Pre-Engineering
- Pre-Law
- Pre-Medicine
- Pre-Optometry
- Pre-Pharmacy
- Pre-Veterinary Medicine

[10] Honors at UCA

See Recognition of Academic Achievement.

Admission to the University

Undergraduate Bulletin
Document Number 2.03

[1] Introduction

The Office of Admissions at the University of Central Arkansas serves as the contact for all new domestic undergraduate students to the university. Interested students are introduced to the university through Bear Facts Days, college planning programs, high school visits and campus tours. The office also processes al domestic undergraduate applications for admission and notifies students of their admission status.

Inquiries about admission to undergraduate study at the university should be addressed to the Admissions Office. This office receives and processes all applications and supporting documentation for admission to UCA. The Office of Admissions notifies applicants of their admission status.

All materials submitted for admission become the property of the university.

Falsification of any record, including the Application for Admission, is cause for immediate dismissal.

[2] First-Time Freshman Admission

The University of Central Arkansas welcomes all applications for admission. Entering freshman applications are evaluated on the basis of academic achievement as evidenced by high school grade point average, standardized test scores (ACT or SAT), and rank in high school graduating class and other high school achievements. The number of entering freshmen may be limited by the resources available to the university to provide quality academic programs according to standards established by the Board of Trustees.

A first-time freshman is defined as any student who has not previously enrolled in a college or university.

[3] Readmission for Former UCA Students Not Currently Enrolled

Readmission for former UCA students who have not been in attendance for one semester is required. An application for readmission form may be obtained from the Office of the Registrar and should be returned to that office with all required information. An official transcript of all colleges and/or universities attended since the last enrollment at UCA must be sent directly to the Office of the Registrar by the appropriate institutional official (e.g., registrar).

[4] College Preparation Core

Act 1290 (1997 General Assembly of the State of Arkansas) states that anyone who graduates from an Arkansas high school after May 1, 1999, must complete the college core curriculum in order to qualify for unconditional admission to public colleges and universities. This is in addition to any other requirement(s) for unconditional admission established by an individual institution. Students must successfully complete the required hours of core academic subjects (2.0 GPA) a any remedial course work within the first 30 semester hours.

[5] Early Admission

[5.1] Full-Time

The student who desires to accelerate a formal education may apply for admission to the university at the end of the junior year in high school.

In addition to regular admission criteria, a student seeking early admission will have completed a minimum of six semesters of secondary school work, earned a B or better average, have an ACT composite score of at least 25, or equivalent scores on the SAT or ASSET exams, and be recommended by the high school principal.

[5.2] Part-Time, Concurrent with High School Enrollment

High school students enrolled in UCA concurrent credit courses are admitted to the university as part-time pre-baccalaureate students. Once they have received their high school diploma or GED, those students wishing to attend UCA will go through the regular admissions process to be admitted to the university.

Criteria for admission under this program are currently under review.

[5.3] Summer Study for High School Students

A student between the junior and senior year in high school is eligible to apply to attend summer school at the University of Central Arkansas. This special program provides an opportunity for the capable student to find rewarding learning experiences and benefit from an early start in the college career. Once admitted, such a student attends regular college courses and earns college credit applicable to a degree.

Upon the successful completion of the special summer program, the student may elect to return to high school for the senior year, or apply for the early admission plan that substitutes the freshman year in college for the fourth year in secondary school. All of the requirements of the early admission program need to be satisfied before the student is admitted early.

In addition to regular admission criteria, admission to the summer program is predicated upon the following special requirements: completion of six semesters of secondary school work; a grade average of B; and recommendation of the high school principal or counselor.

[6] Admission on an Adult-Special Basis

The adult-special classification applies to persons over twenty-one years of age who desire to take undergraduate courses for no credit. The adult-special classification approval for participation requires the consent of the instructor before the student is admitted. Satisfactory completion of the course is recorded o a permanent record maintained by the university, but no grades are issued. The adult-special student pays full registration fees.

[7] Admission as a Transfer Student

A student who has attended another college or university and has never attended UCA must apply for admission as a transfer student and will not be considere a first-time freshman, even though no credits were earned at the previous institution. Falsification of any record, including the Application for Admission, is cause for immediate dismissal.

An official transcript must be sent directly to the Office of Admissions by the appropriate institutional official (e.g., registrar). For placement in college writing and mathematics, ACT, SAT, or ASSET scores are required. All requirements related to the Arkansas Assessment of General Education must be met when applicable.

A transfer student is required to have at least a 2.0 cumulative GPA on all previous course work attempted at previous institutions. After enrollment at UCA, the GPA accumulated in residence at the university shall be the cumulative grade point average.

[8] Transfer of Credit

Students entering the university who have attended a college or university accredited by an appropriate regional accrediting agency, such as the North Central Association of Colleges and Schools, will receive credit on an evaluation of a transcript of their records submitted. Transfer credit is designated by the level on which it is earned. Transfer credit is awarded for courses in which an A, B, or C grade is earned. The grade earned for a transfer course does not transfer, only the credit hour value of the transfer course. The University will, however, accept for transfer a maximum of six hours of credit with D grades, subject to the following conditions:

- The transfer of credits with D grades is available only to first-time entering transfer students at the time of initial admission to the University.
- Only the first six hours of credit with D grades will be considered.
- Prerequisite rules shall apply to transfer of credits with D grades the same as they do to UCA credits.

Anyone transferring to the university will be required to earn at least fifteen hours credit in the major and nine hours credit in the minor in residence prior to graduation. This regulation is binding even though the student has sufficient hours of credit otherwise to meet requirements of the major and minor. All standards with respect to transfer credit are binding and are not, therefore, subject to appeal.

There is no limit on the number of credit hours that may be transferred to the university; however, a maximum of sixty semester hours (exclusive of four activi hours in physical education) transferred from a two-year institution may be applicable toward a baccalaureate degree. The equivalent of two full years' work (sixty semester hours) at the senior college level will be required for a baccalaureate degree.

Acceptance of credits and subsequent establishment of standing are provisional until completion of one semester of satisfactory work in residence at UCA.

The university publishes "Transfer Credit Guidelines," which specifies UCA course equivalents for courses taught at each of the Arkansas public community and technical colleges.

[9] Associate of Arts Degree Articulation Agreement

The University of Central Arkansas participates in an agreement with two-year institutions of higher education in Arkansas to assist students holding an Associate of Arts degree.

Satisfactory completion of an Associate of Arts degree designed for transfer will be accepted as satisfying the general education requirements of UCA. A studen who holds an Associate of Arts degree with a 2.0 cumulative grade point average will be accepted for transfer with junior classification subject to the following conditions:

1. The Associate of Arts degree must include the following courses (SCH = semester credit hour[s]):

English Composition (Writing): 6 SCH
Arts and Humanities: 9 SCH (including 3 semester hours survey of literature)
Speech: 3 SCH
College Algebra (or above): 3 SCH
Natural Science (Lab/Bio/Phys Sci): 8 SCH
Social Sciences: 15 SCH (must include 3 semester hours of US history or government and 3 semester hours in Western Civilization. The remaining 9 hour must include 3 semester hours in 2 of the following areas: psychology, sociology, economics, geography, political science, or anthropology)
Health/Physical Education: 2 SCH
TOTAL: 46 SCH

2. Remedial course grades will not be computed in the cumulative grade point average for purposes of admission to a four-year institution.
3. Courses taken to satisfy AA degree requirements must be transferable to the four-year institution.
4. Degree and program requirements (catalog rights) for students who transfer from a two-year institution to a four-year institution under this agreement will be determined in the same manner as if their initial enrollment had been at the four-year institution; and
5. Participating institutions will provide all other participating colleges and universities with current copies of catalogs/curricular requirements as they are published.
6. Calculation of overall GPA for purposes of graduation and awarding of hours is left to the discretion of the institution granting the degree or award.

[10] State Minimum Core Curriculum

In accordance with Act 98 of 1989, the Arkansas Higher Education Coordinating Board has approved the following core curriculum. Students who successfully complete these courses at UCA may transfer the credit to any state college in Arkansas.

[10.1] English/Communications

Six (6) hours required

ENGL 1310 Composition I or
WRTG 1310 Introduction to College Writing or
HONC 1310 Honors Core I
ENGL 1320 Composition II or
WRTG 1320 Academic Writing or
HONC 1320 Honors Core II

[10.2] Mathematics

Three (3) hours required

MATH 1360 Mathematics for Society or
MATH 1390 College Algebra or
A higher-level mathematics course

[10.3] Science

Eight (8) hours required

Four (4) hours from the following:

BIOL 1400 Biology for General Education
BIOL 1440 Principles of Biology I

Four (4) hours from the following:

CHEM 1400 Chemistry in Society
CHEM 1450 College Chemistry I
CHEM 1402 Physiological Chemistry I
PHYS 1400 Physical Science for General Education
PHYS 1401 Descriptive Astronomy
PHYS 1405 Applied Physics
PHYS 1410 College Physics I
PHYS 1441 University Physics I

[10.4] Fine Arts/Humanities

Six (6) hours required

Three (3) hours from the following:

ART 2300 Art Appreciation
MUS 2300 Music Appreciation
SPTA 2300 Theatre Appreciation (now THEA 2300)
HONC 2320 Honors Core IV

Three (3) hours from the following:

ENGL 2305 World Literature I
ENGL 2306 World Literature II
ENGL 2370 Introduction to Fiction
ENGL 2380 Introduction to Poetry
ENGL 2390 Introduction to Drama
FLAN 2315 Cultural Traditions
FYFS 1301 First Year Seminar: Studies in Humanities
FYFS 1310 First Year Seminar: Studies in World Cultural Traditions
HONC 1310 Honors Core I
HONC 2310 Honors Core III
PHIL 1301 Philosophy for Living
PHIL 2305 Critical Thinking
PHIL 2325 Contemporary Moral Problems
PHIL 2360 Gender, Race, and Class: Philosophical Issues
RELG 1320 World Religions

[10.5] Social Sciences

Twelve (12) hours required

Three (3) hours from the following:

HIST 2301 American Nation I
HIST 2302 American Nation II
PSCI 1330 US Government and Politics

Three (3) hours from the following:

HIST 1310 World History I
HIST 1320 World History II

Six (6) hours from the following:

ECON 1310 Modern Political Economy
ECON 2310 Global Environment of Business
GEOG 1305 Principles of Geography
HONC 1320 Honors Core II
PSCI 1330 US Government and Politics
PSCI 2300 Introduction to International Relations
PSYC 1300 General Psychology
SOC 1300 Principles of Sociology
SOC 1302 Anthropology

[11] Admission of International Students

All inquiries about international admission should be addressed to International Programs, University of Central Arkansas, 201 Donaghey Avenue, Conway, Arkansas 72035, USA, fax (501) 450-5095, or e-mail oip@mail.uca.edu.

To apply for admission as an undergraduate, international applicants must submit the following:

1. Application for Undergraduate Admission.
2. Non-refundable application fee of US $40.00 drawn from a US bank, or an international money order.
3. Original or certified copies of all secondary school, college, and university transcripts, with a certified English translation of each.

   Freshman Applicants:
   Applicants who have completed secondary school and are applying for freshman (first year) admission must meet one of the following criteria:

   1. Secondary school cumulative grade point average of 2.75 or above on a 4.0 scale; or
   2. Rank in upper 40% of secondary school graduating class; or
   3. Composite ACT score of 19 or above; or
   4. Combined SAT score of 930 or above; or
   5. Five passes with credit on O-Level results.

   Transfer Applicants:
   Applicants who have previously attended a college and/or university and are applying for admission as transfer students must have a cumulative grade point average of 2.0 or above. For evaluation of university transfer credit, applicants must submit complete course descriptions or syllabi, in English. Transfer applicants should also submit copies of their current I-20, passport, and I-94 card.

4. A minimum Test of English as a Foreign Language (TOEFL) score of 500 on the paper-based test, or 173 on the computer-based test, less than two year old. Scores must be received directly from Educational Testing Service (ETS); UCA's school code is 6012. A TOEFL score is not required of applicants who will complete UCA's Intensive English Program before pursuing an undergraduate degree. Applicants can contact TOEFL, Educational Testing Service, P.O. Box 6151, Princeton, NJ 08541-6151, USA, requesting a bulletin of information.
5. Evidence of sufficient financial support in the form of a certified bank statement from the applicant's financial sponsor proving the availability of a minimum of $12,900.00 for one full academic year (9 months) of study. Tuition and fees must be paid in full at the beginning of each semester or summer session.

Upon acceptance to the university, students will receive a letter of admission to UCA and a form I-20, as well as pre-arrival and orientation information.

[12] Admission of Students Whose First Language Is Not English

All applicants to UCA whose first language is not English must provide evidence of English language proficiency before beginning regular academic courses at t university. This includes immigrants, permanent residents, citizens, refugees, and international students. English language proficiency may be demonstrated by (1) submitting a minimum TOEFL score of 500 on the paper-based test, or 173 on the computer-based test, that is less than two years old or (2) completing t advanced level of UCA's Intensive English Program with no individual course grade below a B. Students who do not submit a TOEFL score before the last day of the published extended late registration period at the beginning of each semester or summer session will be required to participate in UCA's Intensive English Program.

Registration and Credit

[1] Orientation, Advising, and Registration

The academic year beginning in August comprises two semesters and a summer session.

The university assists students in adjusting to college life. An effort is made to promote self-respect, personal and school pride, and honor so that students ma become responsibly self-directing, not only in campus and off-campus experiences, but in later experiences as individuals, professional persons, and citizens.

Several orientation programs are offered to assist freshmen and transfer students. A summer orientation program gives students and parents an opportunity to learn more about UCA, its services and programs, and to advance register for fall semester classes. Immediately prior to the beginning of the fall and the spring semesters, orientation sessions are offered for freshmen and transfer students. Orientation sessions focus on providing students with information to help them succeed at UCA.

The university makes available detailed information about registration procedures and dates. All students are expected to follow established procedures to register for courses during the dates specified for each academic term. Credit is not awarded in any course for which the student is not duly registered. Once registered, a student will be considered officially enrolled unless they officially withdraw from the university before the first date of classes for the term.

Each student is responsible for planning a program of study and for meeting requirements for graduation. Students should become familiar with curricular requirements, course sequences (indicated by course numbering and prerequisites), upper-and lower-division requirements, the unit of credit, and the normal study load limit.

All students receive assistance of a faculty advisor. First-year freshmen and students who have not declared a major will receive advising from the Academic Advising Center in Harrin 100. Declared students in their sophomore year or higher will receive advising from their major advisor within the department in whic the major is located. It is ultimately the responsibility of all students to be informed of all regulations and requirements and to monitor progress toward a successful university experience, including meeting any and all requirements for a degree from UCA.

[2] Changes in Registration/Withdrawal from Courses or the University

The change-of-course procedure requires approval by the student's advisor and the Office of the Registrar. No addition to a student's schedule may be made after the late registration period. The semester schedule of classes information outlines procedures and lists dates for course changes.

A student may officially withdraw from a course or the university so long as the withdrawal is within the dates specified in the academic calendar for the semester. If a student withdraws from a course or the university during the change-of-course period, no grade will be recorded.

After the change-of-course period, a withdrawal grade (W - Withdrawn, WP - Withdrawn Passing, or WF - Withdrawn Failing) will be recorded according to the deadlines specified in the academic calendar for the semester and, when applicable, at the discretion of the course instructor, so long as the course instructor has not already dropped the student for non-attendance.

If a student discontinues attendance without officially withdrawing, an instructor may drop the student for non-attendance and report a withdrawal grade of WF but must do so by the deadline date for a student to officially withdraw with a WP or WF specified in the academic calendar for the semester.

[3] Auditing a Course

A student may audit a course with the permission of the instructor and the Office of the Registrar if such enrollment is indicated at the time of registration. Changes from "Credit" to "Audit" must be made within the late registration period. As an auditor the student does not take examinations or receive credit. An auditor must comply with the instructor's attendance requirements. Fees for an audit course are the same a those for a credit course.

[4] Classification of Students

Since all of the undergraduate courses of the university are integral parts of four-year curricula, students are designated as freshmen, sophomores, juniors, and seniors:

Freshman: A student who has less than 30 semester hours credit
Sophomore: A student who has 30 semester hours credit
Junior: A student who has 60 semester hours credit
Senior: A student who has 90 or more semester hours credit

The post-baccalaureate student is one who possesses a baccalaureate degree, is not a graduate student, and is registered in courses for undergraduate credit. post-baccalaureate student may elect a program of studies beyond the baccalaureate degree but will not be classified as a graduate student and may not enro

A student must be officially admitted to the Graduate School before being eligible to enroll in graduate-level courses.

[5] Course Numbers

The numbering of courses has the following significance:

1. The first digit indicates the level of the course:
   1000: Courses designed for beginning students
   2000: Second-level courses, often in the sequential development of programs representing a higher level of sophistication than the 1000-level courses
   3000: Third-level courses open to both sophomores and upper-division students
   4000: Courses open only to juniors and seniors
   5000 & higher: Graduate courses open only to students admitted to graduate-level study
2. The second digit indicates the amount of credit. A course numbered 1300 is a freshman course giving three hours of credit.
3. The last two digits distinguish a course from others offered by the same department.

[6] Credit Hours and Course Loads

The unit of credit at the university is the semester hour. A semester hour is defined as the credit earned for the successful completion of one hour per week in class for one semester, or a minimum of two hours per week of laboratory work for one semester. Each lecture hour suggests a minimum of two hours preparation on the part of the student.

The minimum number of semester hours per semester for classification as a full-time undergraduate student is twelve. The maximum number of semester hou in which a student with less than a B average (3.0) may enroll is eighteen. A student who has an overall GPA of 3.0 or a GPA of 3.0 in the preceding semester may, with the approval of the Office of the Registrar, schedule a maximum of twenty-one hours for the following semester. A request to take more than twenty one hours in a semester will require written approval from the student's advisor, major Department Chair, College Dean, and Provost.

For the summer session, the minimum load for classification as a full-time student is based on the length in the course of study. For a five week course of stud four semester hours is the normal minimum load required for classification as a full-time student, and seven semester hours is the normal maximum allowable A request to take more than a maximum load in a summer term will require written approval from the student's advisor, major Department Chair, and College Dean.

To be eligible for graduation with a baccalaureate degree, a student must complete a program of study that contains at least 124 semester hours of unduplicated credit (40 hours must be upper-division), or more if the curriculum requires it.

[7] The Credit, No-Credit Grading Option

The credit, no-credit grading option is designed to provide the opportunity for a student to explore academic areas that are not included in required areas of study.

A junior or senior student in good standing, i.e., eligible to be enrolled at UCA, may take one elective course each semester (for a maximum of four courses) under the credit, no-credit option. These courses will not be permitted to satisfy general education, degree, or major and minor (graduation) requirements.

The student must declare an intention to the registrar to receive the "credit, no-credit" designation by the close of the late registration period, and may not change to grade status during the term. Passing work will receive credit; failing work, no-credit. In either event, the course will not calculate in the grade point average.

The above regulations do not apply to courses that are graded only on a credit, no-credit basis.

[8] Credit by Examination

A student may present no more than 30 hours credit earned through examination toward the associate or baccalaureate degrees.

[8.1] College Level Examination Program

The College Level Examination Program (CLEP) allows a student to receive university credit and/or satisfy university requirements. The university permits a student to take either the general examinations or specific subject examinations to earn college credit for a maximum of thirty hours of general education courses. No student may use test scores in lieu of courses in the major or minor, except in instances where general education requirements and major or mino requirements overlap.

CLEP credit may be awarded to those students who have met the minimum score requirement set by the university, have not already satisfied the general

education requirement, and have not begun the course for which credit is sought. All examinations must be taken before the beginning of the semester in which a student is enrolled for the 75th hour.

When a student has satisfactorily completed the examination and has earned 12 hours in residence at the university, credit will be recorded and designated CLE on the student's permanent record. However, the result of CLEP examinations will not be used in computing a student's grade point average. Thirty semester hours is the maximum examination credit allowed. To earn credit in writing, the examination must be taken before the student begins the course(s) for which credit is sought. Credit for successful completion of these examinations is recorded at the end of the term in which the scores are received. Students should apply directly to the test center where the test is to be taken. A transcript of scores must be sent to the Office of the Registrar.

College credit on each of the CLEP examinations is awarded as follows:

CLEP Examination	UCA Courses	Score	Hours Credit
College Composition (beginning July 1, 2010)	WRTG 1310 & 1320 (both or neither)	50	6
Natural Sciences	BIOL 1400 & PHYS 1400	50	8
College Mathematics	MATH 1360	50	3
College Algebra	Math 1390	48	3
Humanities	ART 2300	50	3
Social Sciences & History	Awards 3 hours of General Elective credit	49	3
History of the United States I: Early Colonization to 1877	History 2301	49	3
History of the United States II: 1865 to the Present	History 2302	50	3
Western Civilization I: Ancient Near East to 1648	History 1310	50	3
Western Civilization II: 1648 to the Present	History 1320	48	3
	(A maximum of 9 hours awarded in History)		
American Government	Political Science 1330	51	3
Introductory Psychology	Psychology 1300	51	3
Introductory Sociology	Sociology 1300	51	3

The CLEP Social Studies-History test will be awarded "general elective" credit (not "general education" credit) with a score of 49 or higher and count in the 124-hour minimum for graduation. It is not applicable to any general education or program requirements.

The general education requirement in history is three hours of world history. This can be satisfied by passing subject examinations in World History I and/or World History II. The requirement of one course in American history or US government may be satisfied by passing subject examinations in those areas. It is als possible to earn credit on subject examinations in college algebra, general psychology, and introductory sociology.

[8.2] Dantes Subject Standardized Tests

The University of Central Arkansas awards credit for successful completion of the Dantes Subject Standardized Tests (DSST) in the same subjects and according to the same requirements as those stipulated for the award of credit through the College Level Examination Program (CLEP). The score requirement for DSST credit is the same as the score requirement for the corresponding CLEP credit.

For more information contact the University Registrar.

[8.3] Advanced Placement Program

The University of Central Arkansas is a participant in the Advanced Placement Program. A list of AP subject areas, courses, and exams; UCA minimum score bas

AP Subject Areas / Courses and Exams	Score Basis	UCA Credit
Art / Art History	4	ART 2335 Art History
	5	ART 2335 Art History and 3 hours art history elective
Art / Studio Art: Drawing Portfolio	4	ART 1321 Drawing I
	5	ART 1321 Drawing I and 3 hours studio art elective
Art / 2-D Design Portfolio	4	ART 1310 Design I, 2-D
	5	ART 1310 Design I, 2-D and 3 hours general studio art elective
Art / 3-D Design Portfolio	4	ART 2312 Design II, 3-D
	5	ART 2312 Design II, 3-D and 3 hours general studio art elective
Biology / Biology	4	BIOL 1441 Principles of Biology II
Calculus / AB	3	MATH 1591 Calculus I
Calculus / BC	3	MATH 1591 Calculus I and MATH 1592 Calculus II
Chemistry	4	CHEM 1450 College Chemistry I
	5	CHEM 1450 College Chemistry I and CHEM 1451 College Chemistry II
Computer Science / A	3	CSCI 1470 Computer Science I
Computer Science / AB	3	CSCI 1470 Computer Science I and 3 hours computer science elective
Economics / Macroeconomics	3	ECON 2320 Principles of Macroeconomics
Economics / Microeconomics	3	ECON 2321 Principles of Microeconomics
English / Language and Composition	3	WRTG 1310 Introduction to College Writing
	4	WRTG 1310 Introduction to College Writing and WRTG 1320 Academic Writing
English / Literature and Composition	3	WRTG 1310 Introduction to College Writing
	4	WRTG 1310 Introduction to College Writing and WRTG 1320 Academic Writing
English / International English Language (APIEL)	3	TOEFL score of 500 (see "admission of students whose first language is not English")
Environmental Science / Environmental Science	4	3 hours general lower-division elective credit
French / Language	3	FREN 2310 French Conversation and Composition I
	4	FREN 2320 French Conversation and Composition II
	5	FREN 3300 French Advanced Grammar and Composition I
French / Literature	3	FREN 2320 French Conversation and Composition II
	4	FREN 3300 French Advanced Grammar and Composition I
	5	FREN 3321 French Literature II
German / Language	3	GERM 2310 German Conversation and Composition I
	4	GERM 2320 German Conversation and Composition II
	5	GERM 3300 German Advanced Grammar and Composition I
Geography / Human Geography	4	GEOG 1320 Introduction to Human Geography
Government and Politics / Comparative	4	PSCI 1330 US Government and Politics
Government and Politics / United States	4	PSCI 1330 US Government and Politics
History / European	4	HIST 1320 World History II
History / United States	4	HIST 2302 American Nation II
History / United States	5	HIST 2301 & HIST 2302 American Nation I & II

History / World	4	HIST 1320 World History II
History / World	5	HIST 1310 & HIST 1320 World History I & II
Latin / Literature	3	LAT 2310
Latin / Vergil	3	LAT 2310
Music / Music Theory	4	MUS 1230 Harmony I
	5	MUS 1230 Harmony I, MUS 1232 Harmony II, and MUS 1231 Ear Training I
Physics / B	4	PHYS 1410 College Physics 1 and PHYS 1420 College Physics 2
Physics / C: Electricity and Magnetism	4	PHYS 1442 University Physics 2
Physics / C: Mechanics	4	PHYS 1441 University Physics 1
Psychology / Psychology	3	PSYC 1300 General Psychology
Spanish / Language	3	SPAN 2310 Spanish Conversation and Composition I
	4	SPAN 2320 Spanish Conversation and Composition II
	5	SPAN 3300 Spanish Advanced Grammar and Composition I
Spanish / Literature	3	SPAN 2320 Spanish Conversation and Composition II
	4	SPAN 3300 Spanish Advanced Grammar and Composition I
	5	SPAN 3320 or 3321 Hispanic Literature I or II
Statistics / Statistics	3	MATH 2311 Statistical Methods I

In any discipline (except history) in which Advanced Placement credit is earned, no CLEP credit will be allowed for any course lower than that course for which Advanced Placement credit has been awarded. A transcript of scores must be sent to the Office of the Registrar.

[8.4] International Baccalaureate Program

General education course credit may be awarded for International Baccalaureate Program courses on a case-by-case basis. A score of 5 or above on the **Higher Level** is required.

[8.5] Credit by Examination in Foreign Languages

A student who has studied a foreign language in high school may receive university credit under certain conditions. See the Department of World Languages, Literatures, and Cultures section of this bulletin.

[8.6] Course Exemptions and Challenge Examinations

University departments may specify appropriate placement, exemption, or challenge examinations for general education requirements or for major or minor requirements. Advanced placement does not excuse a student from taking the total number of hours specified in such programs.

[9] Extended Study Credit

The University provides the opportunity for a person who cannot be in residence to complete course work through Extended Study. No more than one-fourth of the total requirements for a baccalaureate degree may be earned through Extended Study (correspondence). A person interested in enrolling in Extended Study courses should contact the Division of Academic Outreach for course descriptions and policies governing this method of course work.

A student must be a high school graduate or equivalent to be eligible to enroll in Extended Study courses. High school students must obtain written approval from their high school principal. High school students may enroll concurrently in Extended Study courses.

UCA students must obtain written approval from their advisor and the chair of the UCA department offering the course. No more than six credit hours of Extended Study course work is allowed during a senior student's final 30 credit hours.

Extended Study courses taken on an asynchronous basis (open-enrollment extended study courses) expire six months from the date of enrollment. A student may extend the course period for an additional six months by paying a renewal fee. Extended Study courses governed by scholarship stipulations or financial aid regulations are offered on a semester basis. For Extended Study courses taken on a semester bases, the enrollment period and the end of the term is the same as for on-campus courses for the Fall, Spring, and Summer Semesters. These periods are posted on the university's Academic Calendar.

The Extended Study course is posted on the student's transcript at the time of enrollment. Upon completion of the course requirements, the student's letter grad will be posted on his/her transcript.

Academic Records

Undergraduate Bulletin
Document Number 2.05

[1] Grades and Quality Points

At the end of each semester or summer term, instructors report the final grades of all students in their classes to the Office of the Registrar. The grade of a student in any course is determined by the quality of work, the regularity of attendance, and the thoroughness of preparation.

Grades are expressed as letters, with equivalents as follows:

Letter	Grade	GV*
A	Excellent	4
B	Good	3
C	Average	2
D	Passing	1
F	Failure	0
W	Withdrawn	N/A**
X	Deferred Credit	N/A**
WP	Withdrawn Passing	N/A**
WF	Withdrawn Failing	0
CR/NC	Credit/No Credit	N/A**

*GV = Grade Value
**N/A: Hours attempted where W, X, CR/NC, and WP are involved are not used in computing the grade point average.

Transitional Studies (UNIV 1100, 1300, 1301, 1330 and 1340) and Intensive English Program (IEP) courses are not used in computing the cumulative grade poi average for earning any degree from the university.

All grades, once reported, remain a matter of permanent record. Any appeal or question concerning an assigned grade must be made within one calendar year of the time the grade was awarded, as outlined in the Student Handbook.

To obtain the qualitative index of a student's scholarship, the total number of grade points accumulated is divided by the total number of semester hours attempted to give the ratio known as the grade point average.

EXAMPLE: A student enrolls in four courses (fourteen credit hours) as follows:

Courses	CH*	Grade	CH x GV	GP**
WRITING 1310	3	A	(3 x 4)	12
HISTORY 2301	3	B	(3 x 3)	9
MATH 1591	5	C	(5 x 2)	10
HEALTH & PE	3	B	(3 x 3)	9
TOTAL	14			40
Semester GPA: 40 GP/14 CH = 2.86				

* CH = Credit Hours
** GP = Grade Points

[2] Grade Forgiveness

A student may repeat in residence a maximum of four courses in which a D, F, or WF grade is earned. Both grades will remain on the permanent record, but on

the second grade will be used to calculate the grade point average. This option may be used only once for each course in which a grade was received. A student must accept, for purposes of grade forgiveness, the first four courses repeated. No course may be repeated for the purpose of grade forgiveness after course for which it is a prerequisite has been passed. The grade forgiveness provision is applicable only to students who do not possess a baccalaureate degree

[3] Grade Averaging

A student has the privilege of repeating a course in residence at UCA in an attempt to improve a grade previously made. All other grades earned previously in t course are used in computing the grade point average, while the grade earned the last time the course is taken is the grade that will be considered as the final grade. No course may be repeated for a grade after a course for which it is a prerequisite has been passed.

[4] Deferred Credit (Incomplete Grade)

The grade of X is given only if satisfactory completion of the remaining course requirements can result in a passing grade for that semester's work. An X grade not computed in the grade point average. One calendar year is the maximum time allowed for removal of an X grade except in individual study courses and theses. If one year passes and the X has not been removed, the grade will be changed automatically to an F. An individual instructor may specify a shorter peri for removal of an X. The instructor is required to state in writing the requirements for removing the grade of X at the time it is assigned. Failure of the student meet these requirements may result in the X becoming an F. A student may not re-enroll in a course for which an X is in effect.

[5] Adjustments and Appeals Committee

When warranted by special circumstances, a student is entitled to petition the University Academic Adjustments and Appeals Committee for relief of an unfair hardship brought about by academic regulations. The petition form, obtainable in the Office of the Registrar or click here to download the form, should be completed with the assistance of the student's advisor. Completed forms, containing all necessary signatures, should be submitted to the Office of the Registra

[6] Transcripts

A university transcript is a complete and unabridged academic record, without deletions or omissions, prepared for the purpose of communicating information concerning a student. The university prepares and issues two categories of transcripts:

Official -- includes a statement of the student's status, the signature of an authorized official, and the legal seal of the university. An official transcript is sent directly from the university to an institution, agency, or individual upon receipt of a written request of the student.

Unofficial -- presents a listing of courses for which the student enrolled. The academic achievement of the student is indicated in terms of a grade for each course. An unofficial transcript is made available to students for their personal use. It does not include an authorized signature or the official seal of the university. An unofficial transcript is not sent to other institutions, agencies, or individuals.

A graduate receives two official transcripts with the diploma. Transcripts may be released only after all financial obligations to the university are satisfied.

[7] Attendance

A student's official program is regarded as his obligation with the institution, full performance of which requires regular and punctual class attendance. A stude is responsible for completing any missed work and for the dates and places of required course examinations. Attendance and tardiness are primarily a student-teacher-class relationship, but the university has a concern for the fulfillment of such obligations by the student. Absences that indicate negligence about class attendance may lead to cancellation of registration and a withdrawal grade of WF in the course. In flagrant cases the student may be suspended from the university. Individual instructors may assign a withdrawal grade of WF for non-attendance to any student, but must do so by the deadline date for a student to officially withdraw with a WP or WF specified in the academic calendar for the semester.

See also Change of Registration/Withdrawal from Courses or the University in this bulletin.

[8] Retention

Note: All standards with respect to retention are binding and are not, therefore, subject to appeal.

Only courses that count for undergraduate degree credit will be used to compute the grade point average for probation and/or academic suspension consideration.

A student enrolled in Transitional Studies (UNIV 1100, 1300, 1301, 1330, and 1340) and Intensive English Program (IEP) courses will be subject to the retention policies of the University College and/or Intensive English Program.

In addition to the completion of prescribed courses, the student must meet established scholarship standards for continuation in the university.

A student is placed on academic probation whenever their semester grade point average is less than 2.0. A student will be removed from academic probation

whenever their semester grade point average reaches or exceeds 2.0 and their cumulative grade point average is at least 2.0.

A student on academic probation who does not achieve a 2.0 semester grade point average the semester following academic probation and does not meet the minimum cumulative average listed below will be academically suspended. The calculation of GPA hours will include grades A, B, C, D, F, and WF.

Semester GPA Hours	Minimum Cumulative GPA
1 - 30	1.70
31 - 59	1.85
60 or more	2.00
For Graduation	2.00

First academic suspension will be for one semester (excluding summer)

- **Note:** A student on first academic suspension may, if eligible and accepted, continue at the University through the UCAN (Unlocking College Academics Now) Program with the status "on first academic suspension, continued on academic probation". A student who does not successfully complete the UCA Program will be subject to a second academic suspension.

Second academic suspension will be for one calendar year.

Third academic suspension will be academic dismissal.

[9] Academic Clemency

Academic clemency is intended to provide a second chance to the student who, having left college after an unsuccessful experience, grows to appreciate education and, having been out of college for an extended period, seeks admission or readmission. The policy of academic clemency applies to all students meeting the conditions below.

[9.1] Eligibility

- An individual must not have been enrolled in any institutions of college or university rank for a period of at least five years (60 months) immediately preceding enrollment or re-enrollment at the University of Central Arkansas.
- An individual must be an undergraduate student seeking the initial undergraduate degree (associate or baccalaureate) from the university in order to be eligible for academic clemency consideration.

[9.2] Process

- Application for academic clemency should be made at the time of conditional admission or readmission to the university. A conditionally admitted stude who fails to meet the requirements for the granting of academic clemency will not be eligible to continue at the university.
- Application for academic clemency will be made through the Office of the Registrar. The application will be reviewed and the appropriate decision rendered by the Office of the Registrar.
- In order for academic clemency to be granted, a minimum 2.0 grade point average and a minimum of 12 semester credit hours must be earned within o calendar year from the date of enrollment or re-enrollment.

[9.3] Terms and Conditions

- Under academic clemency an individual forfeits all grades and credits (including transfer) earned prior to the minimum period of non-enrollment, and su grades and credits will not be considered in any academic deliberations from that point forward at the university.
- Courses on which academic clemency is granted will be recorded on the permanent academic record but will not be used in the computation of the cumulative grade point average. The notation academic clemency granted (date) will be placed on the permanent academic record to identify those courses excluded from computation in the cumulative grade point average.
- In regard to financial aid history, state and federal regulations take precedence over the institutional policy of academic clemency.
- In regard to athletic eligibility, all semesters/terms of attendance, including any of granted academic clemency, will be considered in the determination of athletic eligibility certification.
- A declaration and granting of academic clemency may be exercised only once in an individual's academic career, and such declaration and granting is fin and irreversible.
- Policies related to academic clemency pertain to the University of Central Arkansas only and might not be honored by other institutions for admission to

Recognition of Academic Achievement

Undergraduate Bulletin
Document Number 2.06

[1] Awards and Honors

Dean's List and Presidential Scholar honors are based on grades earned during each semester of the regular academic year (fall, spring).

Presidential Scholars. To qualify for Presidential Scholar honors in a given semester, a student must earn a 4.00 grade point average on a minimum of twelve hours of undergraduate degree credit with no incomplete (X) grades.

Dean's List. To qualify for the Dean's List in a given semester, a student must earn a 3.50 or higher grade point average on a minimum of twelve hours of undergraduate degree credit with no incomplete (X) grades..

Ranking Honor Graduate. A top graduating senior may be chosen for spring, summer, and fall commencements. Students are judged on the basis of their cumulative grade point average and the quality of their Departmental Undergraduate Scholars Program or Honors College thesis project. The grade point averag computation includes the semester in which the student completes 103 hours of credit. This recognition requires a minimum of 62 hours in residence.

Outstanding Students. Five senior students are recognized at the Honors Convocation each spring. Nominations come from faculty, the student body, and the administration. These students are expected to be above average scholastically. They should have demonstrated exceptional leadership ability and rendered active service to the university through their activities. Final selections from nominations are made by the Honors Council. This recognition requires a minimum of 62 hours in residence.

Sophomore and Junior Scholastic Awards. One sophomore and one junior student are recognized at the Honors Convocation for outstanding scholastic achievement.

College Achievement Awards. Six students, one from each of the six colleges, are named for intracollege service and achievement.

Honors Graduates. A student earning a bachelor's degree may be recognized as an honor graduate in one of the following categories of praise--*summa cum laude*, *magna cum laude*, or *cum laude*. This recognition requires a minimum of 62 hours in residence. Below are the grade point averages used to determine graduation with honors.

CATEGORY	OVERALL GPA
summa cum laude	4.000-3.900
magna cum laude	3.899-3.800
cum laude	3.799-3.700

[2] UCA Scholars Programs

The University of Central Arkansas recognizes its responsibility to provide special opportunities for superior students and provides two separate scholars programs--the Departmental Undergraduate Scholars Program and the Honors College.

[2.1] Departmental Undergraduate Scholars Program

Upon completion of 72 hours (with twelve hours in the major), a student may be invited by the faculty of a department to enter its Undergraduate Scholars Program. To be eligible for the invitation, a student must have at least a 3.00 grade point average overall and in the major. A student must complete the appropriate departmental Undergraduate Scholars course (or the equivalent), and submit written evidence of the research paper, project, performance, or presentation no later than the last day of instruction for the semester in which the student will graduate. Individual departments may establish additional or mo rigorous requirements at their discretion. See the department's description in this bulletin and consult the department chair. Before the end of the third full wee of the semester in which the student intends to graduate, the student must submit a notification to complete an undergraduate scholar project form to the Director of Exemplary Studies.

The following departments offer undergraduate scholars programs:

Accounting
Art
Biology
Chemistry

Computer Science
Early Childhood and Special Education
Economics, Finance, and Insurance and Risk Management
English
Geography
Health Sciences
History
Family and Consumer Sciences
Kinesiology and Physical Education
Marketing and Management
Management Information Systems
Mathematics
Middle/Secondary Education and Instructional Technology
Music
Nursing
Occupational Therapy (Health Sciences with Occupational Emphasis)
Philosophy and Religion
Physical Therapy (Health Sciences with Physical Therapy Emphasis)
Physics and Astronomy
Political Science
Psychology and Counseling
Sociology
Speech-Language Pathology
Mass Communication and Theatre
World Languages, Literatures, and Cultures
Writing and Speech

[2.2] Honors College

In addition to the Departmental Undergraduate Scholars Program, the university has an Honors College for outstanding students. A student chosen for the Honors Program during the freshman and sophomore years fulfills certain general education requirements in specially designed classes that are interdisciplinar limited in enrollment, and taught by outstanding faculty. Following the sophomore year, students may enter the Honors College.

The Honors College curriculum consists of a fifteen-hour Honors Interdisciplinary Studies minor. At the center of the curriculum is undergraduate scholarship: the Oxford Tutorial, in which a student works one-on-one with a professor and writes and presents an Honors College Thesis Project. The Honors College is fo juniors and seniors invited from those students completing the Honors Program.

In addition to special instruction, there is an Honors Center which provides a special place for students to meet and share ideas, and designated residence halls which house nearly 430 residents, many in private rooms. The atmosphere and co-curricular programming in the residence halls reinforce the learning and friendships developed through the Honors College. Application to Honors College residence halls is through the Housing Department. Assignments are based o first-come, first-received housing deposits. Those students who have been accepted into the Honors College, at the time of housing assignments, will be place in Honors College residence halls based on space availability. See the

See the Honors College section in this bulletin for more information.

[3] Recognition of UCA Scholars

Students completing the Departmental Undergraduate Scholars Program or the Honors College minor in Interdisciplinary Studies will receive special recognition at graduation.

[4] Scholastic Societies

Students with intellectual and professional interests have founded scholastic societies, both general and specialized in purpose. The following are representative national organizations: Alpha Chi (Scholarship), Alpha Kappa Delta (Sociology), Alpha Psi Omega (Theatre), Beta Alpha Psi (Accounting), Beta Gamma Sigma (Business), Gamma Beta Phi (Scholarship/Service), Gamma Theta Upsilon (Geography), Eta Sigma Gamma (Health Education), Kappa Delta Pi (Education), Lambda Eta (Communication), Pi Kappa Delta (Forensics), Pi Sigma Alpha (Political Science), Pi Omega Pi (Business Education) Sigma Pi Sigma (Physics), Sigma Theta Tau (Nursing), Sigma Tau Delta (English), Tau Kappa Alpha (Journalism), Phi Alpha Theta (History), Phi Delta Kappa (Education), Phi Sigma Tau (Philosophy), Phi Upsilon Omicron (Family and Consumer Sciences), Psi Chi (Psychology).

General Education Program

Director: Dr. Conrad Shumaker, 450-5126

[1] Purposes

The purpose of the general education program at UCA is

- to enable students to have or to know where to locate the information they need to make informed decisions and hold responsible opinions about their lives and the relationship of their lives to the world in which they live;
- to help students develop intellectual skills, practical skills, and emotional and aesthetic sensitivities--that is, to prepare them to think, to feel, and to act competently in a complex, diverse, and constantly changing world; and
- to help students understand the values inherent in their culture and to be aware of other cultural traditions, values, and beliefs.

In fulfilling these general purposes, the program seeks to prepare students to be lifelong learners with the intellectual and emotional skills--the adaptability--t tackle the great changes they will undoubtedly experience during their adult lives; and to recognize the connectedness of human life and develop a sense of ho humanity's diverse pursuits relate to one another.

[2] General Education Area Objectives

Upon completion of the general education program, students will have an introductory comprehension of certain fundamental areas of human understanding an intellectual inquiry; they will have been encouraged to develop a sense of how humanity's diverse pursuits relate to one another. The general education program has ten areas with the following purposes and student objectives/outcomes:

[2.1] Writing

The first-year writing requirement exists so that students can most directly and deeply learn how to explore ideas through writing--everything from discoverin topics, to generating material, to making decisive and forceful arguments. The writing requirement is based on two fundamental assumptions: (1) that writing i a form of inquiry and (2) that writing is rewriting. The first of these assumptions entails encouraging students to take risks in their writing, to see it as a means of adding to their knowledge and their wisdom. The second assumption is based on the conviction that writing is an iterative process involving prewriting, drafting, revising, and editing.

Objectives for students completing the first-year writing requirement are

- to be able to use strategies for invention and arrangement;
- to be able to incorporate the elements of good writing (vividness, development, organization, voice) into their own work;
- to be able to use writing to ask questions--that is, understand that writing is exploratory;
- to be able to use various forms (e.g., narrative, description, dialogue) to help articulate their inquiries and develop the implications of their thoughts;
- to be able to respond critically to their classmates' works-in-progress;
- to be able to use writing to make decisive and forceful arguments;
- to be able to conduct and incorporate library and Internet research into their writing as a means of engaging in academic conversations;
- to be able to use academic documentation with clarity and consistency.

[2.2] Fine Arts

The fine (visual and performing) arts create and interpret works of the imagination by exploring the way humans use images, sound, movement, forms, staging language, or non-linguistic means to communicate meaning or to produce aesthetic responses. The goal of the fine arts is to express aesthetic or cognitive insights about the human condition.

Objectives for students completing the fine arts requirement are

- to be familiar with some of the classic works of art;
- to better understand the nature and function of different artistic forms;
- to better understand artists' creative processes;
- to understand what distinguishes the form, content, and style of a work of art;
- to be familiar with basic aesthetic concepts and principles;
- to be familiar with the basic criteria used to interpret and judge a work of art.

[2.3] Health Studies

The health studies component of the general education program emphasizes the social, spiritual, physical, emotional, environmental, and intellectual componen of health. Courses in the health studies provide students with the knowledge, behaviors, values, and skills necessary to be effective health consumers and to ta a more active and enlightened role in controlling their overall health and fitness. The health studies area recognizes that students need to meet current nationa and local health objectives, emphasizing health promotion, health protection, and preventive services. Health studies is a broad concept and requires an interdisciplinary approach to achieve its full potential.

Objectives for students completing the health studies requirement are

- to be able to identify the priority health risk behaviors of college students including: unintentional and intentional injuries, tobacco use, alcohol and othe drug use, sexual behaviors, unhealthy dietary practices, and physical inactivity;
- to exhibit characteristics of a healthy lifestyle by developing skills to decrease morbidity and mortality from these priority health risk behaviors;
- to be able to assess current lifestyle behaviors and understand the impact of these behaviors on the quality and longevity of life;
- to implement strategies to engage in and maintain a healthy lifestyle including: initiation of behaviors consistent with a healthy lifestyle, adaptation of these behaviors to changes occurring throughout life, demonstration of the skills necessary to engage in a lifetime of physical activity, and utilization of available health programs;
- to recognize influences of different cultural traditions, values, and beliefs inherent in health.

[2.4] American History and Government

The American history and government requirement seeks to introduce students to the development of American society and thought. It does so through the study of the American people's historical experience and the study of the development of American political institutions and processes.

Objectives for students completing the American history and government requirement are

- to better understand significant political, social, economic, and cultural developments in the history of the United States;
- to better understand the constitution, government, and political processes of the United States;
- to be familiar with enduring expressions of American thought by studying one or more major American documents;
- to be familiar with the diversity of peoples and cultural traditions that have contributed to the American experience;
- to be familiar with the way Americans have adapted Western and non-Western traditions to develop their own distinctive cultural and political system.

[2.5] Humanities

The general education humanities requirement seeks to enable students to interpret, evaluate, and appreciate works of human culture that can contribute to a better understanding of the human condition. It does so primarily by exploring the ways humans express meaning and values and by examining enduring questions about the nature of the human condition.

Objectives for students completing the humanities requirement are

- to be familiar with some of the classic works of human culture;
- to better understand and appreciate the nature of human expression and its roles in human culture;
- to understand that a work of human culture exists within social, historical, and linguistic settings that affect its meaning;
- to understand that meaning is always mediated by interpretation and that a work of human culture may have multiple interpretations;
- to be able to employ the skills of critical thinking, reading, writing, speaking, and listening to interpret a work of human culture.

[2.6] Mathematics

Mathematics provides an approach to problem solving through logic and reasoning. It is used to identify, analyze, generalize, and communicate quantitative relationships.

Objectives for students completing the mathematics requirement are

- to know the fundamental notation and rules of a mathematical system;
- to be able to recognize problems to which mathematics can be applied;
- to be able to translate problems into mathematical form;
- to be able to construct and interpret visual representations of mathematical relationships;
- to construct logical and valid mathematical arguments;
- to determine mathematical relationships and solutions to problems;
- to clearly communicate mathematical relationships and solutions.

[2.7] Oral Communication

The oral communication requirement helps students become effective communicators in a variety of settings. Students learn the principles of effective communicatio and have ample opportunity to practice and improve their communication skills. Specifically, oral communication improves students' conversational, presentational and problem-solving skills. The study of oral communication improves students' ability to evaluate messages and employ critical thinking.

Objectives for students completing the oral communication requirement are

- to be able to communicate effectively in a variety of situations;
- to be able to listen effectively in a variety of situations;
- to be able to understand the influence of perception on communication;
- to be able to understand the nature and the use of language as a communication tool;
- to be able to think critically and evaluate a variety of messages.

[2.8] Natural Sciences

The goal of the natural sciences is to better understand nature. The natural sciences systematically study natural phenomena. They do so by observing nature; collecting and analyzing data; by forming, testing, and revising hypotheses; and by developing theories.

Objectives for students completing the natural sciences requirements are

- to understand what the realm of science is, and why science is important to their lives;
- to understand current principles and theories used to explain natural phenomena and to understand the role of theories in science;
- to do science as a process by conducting systematic observation, formulating and testing hypotheses, collecting and evaluating data, recognizing sources of error and uncertainty in experimental methods, and disseminating results;
- to develop an understanding of how human activity affects the natural environment; and
- to be able to make informed judgments about science-related topics and policies.

[2.9] Behavioral and Social Sciences

The behavioral and social sciences are characterized by their application of both rational and empirical methods to the ways in which individuals, organizations, and societies are influenced by the environment as well as by personal and societal goals.

Objectives for students completing the behavioral and social sciences requirements are

- to be able to use a variety of theories used to explain human behavior;
- to be able to understand how the study of human behavior is founded on empirical/scientific observation;
- to be able to recognize the effect of the environment on individual behavior or recognize the effect of social institutions and processes on human interaction.

[2.10] World Cultural Traditions

The world cultural traditions requirement introduces students to broadly significant elements of the cultural traditions of the world in their richness, diversity, and complexity. Each course used to fulfill this requirement entails comparison between several Western and non-Western cultures.

Objectives for students completing the world cultural traditions requirements are

- to better understand significant social, economic, and political developments in Western and non-Western history;
- to better understand significant cultural developments in Western and non-Western civilization (religion, art, philosophy, language, and literature);
- to be familiar with enduring expressions of human thought by study of some major texts of Western and non-Western cultures; and
- to better understand the interaction of Western and non-Western cultural traditions.

[3] General Education Skills Objectives

Upon completion of the general education program, students will have basic skills in the following areas:

[3.1] Written Communication

The overall objective is to develop students' written expression of thought and provide learners opportunities to explore ideas and to build connections betwee content areas. Written communication objectives for students completing the general education program are:

- Demonstrate the capacity to use various writing forms, (for example, in-class responses, journals, notebooks, reports, argumentative essays, research papers, and others), to achieve the specific purposes of the course.
- Exemplify ethical writing practices (i.e., avoid plagiarism, use of an appropriate citation style) in all forms of written communication.
- Demonstrate the capacity to effectively integrate multiple sources (primary and secondary, electronic and print) into the writing assignments of the cours

- Demonstrate improvements in written expression of thought by utilizing various techniques (such as peer review, multiple drafts or revision of assignments after receiving feedback).

[3.2] Oral Communication

The overall objective is to develop students' oral communication skills by a variety of communication activities, from informal discussion to formal presentation. Oral communication objectives for students completing the general education program are:

- Clearly state questions, concerns, and ideas so that both the instructor and other students can understand the intent.
- Verbally condense larger amounts of information into concise, condensed analysis.
- Discuss among various size groups of students so as to be able to contribute without over powering others.
- Give a clear, organized and accurate oral presentation of course material (for example, summaries of readings, research projects, analyses of arguments, persuasive speeches, and others).

[3.3] Critical Thinking

The overall objective is to develop students' reasoning abilities by incorporating reasoning tasks and practices into general education courses. Critical thinking objectives for students completing the general education program are:

- Identify and state arguments.
- Identify the main point in a passage or essay and state the reasons that support a given choice.
- Identify assumptions and state the implications of an argument, passage, or theory.
- Critically evaluate arguments in terms of the strength of evidence and reasoning.
- Write an essay that comes to well-reasoned conclusions and solutions, supported by relevant evidence, and tested against relevant criteria and standards

[3.4] Quantitative Analysis

The overall objective is to provide students with an approach to problem solving through logic and reasoning. It is used to identify, analyze, generalize and communicate quantitative relationships. Quantitative analysis objectives for students completing the general education program are:

- Translate problems into mathematical form.
- Construct and interpret visual representations of mathematical relationships.
- Determine quantitative relationships and solutions to problems.
- Clearly communicate quantitative relationships and solutions.
- Apply mathematical concepts to real world situations.
- Draw inferences from data that could be incomplete under conditions that are uncertain.

[3.5] Research

The overall objective is to ensure that students are able to formulate a researchable question and can identify and utilize resources in order to document findin and draw conclusions. Research objectives for students completing the general education program are:

- Identify types of resources necessary to formulate a researchable question.
- Utilize credible resources as a tool for academic research.
- Draw conclusions based on the results of the research.
- Document research findings, using accepted forms of scholarly citation.
- Communicate the outcome of the research findings.

[3.6] Information and Computer Literacy

The overall objective is to ensure that students acquire a basic core of skills that are need to locate and examine information with the use of information technology and critically evaluate that information. Information and computer literacy objectives for students completing the general education program are:

- Determine the extent of information needed.
- Use computers to create documents and to retrieve and communicate needed information effectively and efficiently.
- Evaluate information and its sources critically.
- Incorporate selected information into one's knowledge base.
- Use information effectively to accomplish a specific purpose.
- Understand many of the ethical, legal, and social issues surrounding the use of information sources.

[4] General Education Attitudes And Values Objectives

Upon completion of the general education program, students will have had the opportunity and encouragement to develop thoughtful perspectives. They will have been exposed to and encouraged to explore both the cultural diversity that defines many human differences and the connections that suggest common human concerns. They will also have been encouraged to explore value-systems and to recognize the roles value-systems play in human life and in the disciplines.

[5] General Education Course of Study

In some cases degree programs have specified certain general education courses. Be sure to check with your major advisor when enrolling in general education courses.

[5.1] Writing

6 hours minimum required. Please note that a student must enroll in WRTG 1310 and 1320 during the first two semesters that a student is eligible to enroll in college writing courses, unless the requirement has been previously met. Minimum grade of C required for WRTG 1310.

WRTG 1310 Introduction to College Writing
WRTG 1320 Academic Writing & Research*
OR
HONC 1310 Honors Core I**
HONC 1320 Honors Core II**

[5.2] Health Studies

3 hours minimum required.

HED/KPED 1320 Concepts of Lifetime Health & Fitness

[5.3] Oral Communication

3 hours minimum required.

SPCH 1300 Basic Oral Communication

[5.4] American History and Government

3 hours minimum required.

HIST 2301 American Nation I
HIST 2302 American Nation II
PSCI 1330 US Government and Politics

[5.5] Behavioral and Social Sciences

6 hours minimum required. Courses must be selected from two different disciplines.

ANTH 1302 Anthropology
ECON 1310 Modern Political Economy
ECON 2310 Global Environment of Business
GEOG 1300 Geography of World Regions
GEOG 1305 Principles of Geography
LING 1310 Language, Culture and Society
PSCI 1300 Introduction to Political Science
PSCI 1330 US Government and Politics
PSCI 2300 International Relations
PSYC 1300 General Psychology
SOC 1300 Principles of Sociology
HONC 1320 Honors Core II**
HONC 2310 Honors Core III**

[5.6] Fine Arts

3 hours minimum required.

ART 2300 Art Appreciation
FILM 2300 Film Appreciation
MUS 2300 Music Appreciation
THEA 2300 Theatre Appreciation
HONC 2320 Honors Core IV**

[5.7] Humanities

3 hours minimum required.

ENGL 1350 Introduction to Literature
ENGL 1355 Film and Literature
ENGL 2370 Introduction to Fiction
ENGL 2380 Introduction to Poetry
ENGL 2390 Introduction to Drama
FREN 2320 **OR** GERM 2320 **OR** SPAN 2320 Conversation-Composition II*
FYFS 1301 First Year Seminar: Studies in Humanities
PHIL 1301 Philosophy for Living
PHIL 2305 Critical Thinking
PHIL 2325 Contemporary Moral Problems
PHIL 2360 Gender, Race, and Class: Philosophical Issues
RELG 1330 Exploring Religion
WLAN 2315 Cultural Studies
WLAN 2325 Issues of Cultural Identity in Francophone Africa and the Caribbean
HONC 1310 Honors Core I**
HONC 2320 Honors Core III**

[5.8] Mathematics

3 hours minimum required. Please note that students with an ACT score of less than 19 are encouraged to enroll in their college-level mathematics course in the semester immediately following the completion of Intermediate Algebra.

MATH 1360 Mathematics in Society
MATH 1390 College Algebra

or, if required by the student's program of study,

MATH 1392 Plane Trigonometry*
MATH 1395 Business Calculus*
MATH 1491 Calculus for the Life Sciences*
MATH 1580 Algebra and Trigonometry*
MATH 1591 Calculus I*

[5.9] Natural Sciences

8 hours minimum required. Both courses must include laboratories.

4 hours minimum required:

BIOL 1400 General Biology

or, if required by the student's program of study,

BIOL 1440 Principles of Biology I*

and 4 hours minimum required:

CHEM 1400 Chemistry in Society
PHYS 1400 Physical Science for General Education
PHYS 1401 Descriptive Astronomy

or, if required by the student's program of study,

CHEM 1450 College Chemistry I*
CHEM 1402 General Chemistry for Health Sciences*
PHYS 1405 Applied Physics*
PHYS 1410 College Physics 1*
PHYS 1441 University Physics 1*

[5.10] World Cultural Traditions

9 hours minimum required.

3 courses required (no more than 2 courses with the same course prefix):

AFAM 1330 African & African-American Studies
ENGL 2305 World Literature I
ENGL 2306 World Literature II
FYFS 1310 First Year Seminar: Studies in World Cultural Traditions
HIST 1310 World History I
HIST 1320 World History II
PHIL 1330 World Philosophies
RELG 1320 World Religions
WLAN/LING 2350 World Languages
HONC 2310 Honors Core III**

NOTE:

- If the ACT subject score is below 19 in reading, writing, or algebra, remediation is required.
- Some majors require specific general education courses.
- Courses may be used only once to satisfy the general education requirements.
- A minimum grade of C is required in some general education courses.
- For additional information, consult your academic advisor

* This course has prerequisites: Check the Undergraduate Bulletin for details.
**HONC courses may be taken only with consent of the Honors College

[6] First-Year Seminars in General Education

First-year seminars are general education topics courses. They are 3-credit-hour seminars limited to 20 first-year students and are intended to be reasoning-writing-, and discussion-intensive courses that fulfill the general education requirement in humanities or world cultural traditions. (They are NOT extended freshman orientation classes.)

Any full-time faculty member (or team of two faculty members) can propose a first-year seminar. The objectives of a first-year seminar are parallel to the objectives of the general education program with an emphasis on the core skills of thinking, writing, and speaking. Accordingly, first-year seminars emphasize increasing knowledge through skills-based instruction and active student involvement.

A student can take only one first-year seminar. No more than three seminars from any one general education area will be offered during a semester. First-yea seminars do not count for major credit, unless allowed by the department. Students taking first-year seminars should be aware that these seminars may not meet requirements for certain professional degree programs. Consult your advisor.

FYFS 1301 FIRST-YEAR SEMINAR: STUDIES IN HUMANITIES Fulfills the 3-hour requirement in humanities.

FYFS 1310 FIRST-YEAR SEMINAR: STUDIES IN WORLD CULTURAL TRADITIONS Fulfills the last 3 hours of the 9-hour requirement in world cultural traditions.

For more information contact the Director of General Education.

Degree Requirements

Undergraduate Bulletin
Document Number 2.08

[1] Associate Degrees

The University of Central Arkansas offers the Associate of Arts and Associate of Applied Sciences degrees.

The minimum requirement for each degree is 60 semester hours of unduplicated credit and a minimum 2.0 cumulative grade point average.

[1.1] General Education Requirements for the Associate of Applied Science Degree

A minimum of 21-22 hours of general education courses is required for the Associate of Applied Science degree.

Specific general education requirements are American History or US Government (3 hours), WRTG 1310 (3 hours), WRTG 1320 (3 hours); MATH 1360 or above; and, Health and Physical Education (3 hours).

Six hours must be chosen from general education courses from departments other than those departments in which courses have been taken to satisfy the foregoing requirements. Since some programs may require work beyond these general education requirements, a student should consult the departmental section of this catalog.

[1.2] General Education Requirements for the Associate of Arts Degree

Completion of the general education program (a minimum of 47 hours) is required for the Associate of Arts in General Studies degree.

[2] Baccalaureate Degrees

The University of Central Arkansas offers seven baccalaureate degrees: Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Professional Studies, Bachelor of Science, Bachelor of Science in Nursing, Bachelor of Science in Education.

[2.1] General Degree Requirements

[2.1.1] Total Credit Requirements

To be eligible for graduation with a baccalaureate degree, a student must file a program of study approved by the major and minor advisors that contains at least 120 semester hours of unduplicated credit (40 hours must be upper-division), or more if the curriculum requires it. A grade point average of 2.0 or bette is required in each of the major and minor fields and cumulatively. For purposes of grade point calculation, all course work attempted in the major or minor fie will be included in determining the major or minor grade point average. A transfer student must satisfy all these grade-point requirements on work taken at th university. Consult the departmental section of this catalog for specific degree requirements.

[2.1.2] Major and Minor

A student must select a major and at least one minor field, subject to modifications noted for specific programs. Any course that is used to meet the requirements of a major may not be used also to meet minor requirement. Departmental faculty of the student's declared minor and major are advisors. Chang made to adjust the student's program within the scope of the departmental major or minor requirements need only the approval of the department chair. Adjustments in the student's program beyond the scope of departmental requirements require the approval of the Adjustments and Credentials Committee. Maj and minor requirements are set forth in the departmental sections of this catalog.

Many students, especially entering freshmen, may not have selected major and minor fields at the time of registration. Under these circumstances, students are assigned to general advisors. Such students will follow a general program of liberal studies until the major is determined.

[2.1.3] Senior College Requirement

The credit offered for graduation must include at least forty semester hours of upper-division level (3000 and 4000) courses, including at least 12 semester hours of upper-division work in the major field and three hours of upper-division work in the minor field.

Graduates of accredited, specialized, or professional health science programs, who possess a license in the field and who have had the equivalent of 40 hours upper-division work will plan a program with the department involved. The plan must be approved by the department chair and the college dean.

[2.1.4] Electives

Elective courses may be selected by the student, upon the approval of the advisor, to complete the total credit requirements for graduation. These courses

should be chosen carefully either for the purpose of correcting deficiencies in the student's educational background to meet the major and minor program through study in related fields. An elective is defined as a course that does not constitute a part of the major or minor field and is not being used to satisfy a general education requirement. A maximum of four physical education activity hours may count toward graduation.

[2.1.5] Residence

A student may not receive a degree without the completion of the equivalent of nine months of full-time work taken in residence at the university, during whic time the student must have completed at least 30 semester hours of residence credit.

The credit offered for a bachelor's degree must include at least 15 hours earned in residence in the major field and nine in the minor field.

Of the last 30 semester hours offered for graduation, at least 24 must be completed in residence at the university. This provision does not reduce the minimum residence requirement stated above.

Not more than one-fourth of the credit offered for graduation may be work done through Extended Study (correspondence).

These requirements apply also to the candidate who seeks qualification for the associate degree.

[2.1.6] Earning a Second Degree

A second baccalaureate degree may be earned by a student, after the completion of all the requirements for a first degree and the satisfaction of the special requirements of the second degree. An associate degree may be earned by a student who has completed the requirements of a baccalaureate degree or anothe associate degree. Any second degree requires a minimum of 30 semester hours of residence credit following the awarding of the first degree.

[2.1.7] Two Majors

Two majors may be recorded when all departmental, ancillary, and unique requirements within the same degree are met for both specified majors. If there is a generic relationship, work in the primary major is applicable to the secondary major. However, the number of additional credit hours required for the secondary major must exceed the number required for a minor in that same area.

The student completing a double major shall not be required to present a minor, but may do so if desired.

To upgrade the student program to a more recent bulletin, all requirements of the new bulletin for both majors must be satisfied.

The secondary major may be completed simultaneously or sequentially.

The secondary major may not be awarded after the degree for the primary major has been awarded.

No more than two majors or two minors may be recorded.

[2.1.8] Two Baccalaureate Degrees Earned Simultaneously

Two baccalaureate degrees may be earned simultaneously when all departmental, ancillary, and unique requirements are met for both of the specified degrees.

The student earning two degrees simultaneously may use the general education courses and applicable special degree requirements for both degrees.

Courses used to meet requirements for the majors and minors associated with two degrees earned simultaneously must be unique in all instances.

The student earning two degrees simultaneously will be required to present no more than one minor.

[2.1.9] Assessment

A student is expected to participate in all assessment activities required by the university.

[2.1.10] Commencement

The university holds commencement ceremonies at the end of the spring semester in May, at the end of the summer session in August, and at the end of the fa semester in December. Only students completing all degree requirements are eligible to apply for graduation.

Undergraduate students submit their application for graduation to the Office of the Registrar. All students pay a graduation application fee. The academic calendar lists the deadline dates by which the application for graduation must be made.

If attendance at the commencement ceremony is not possible, the degree will be awarded in absentia.

[2.2] Special Degree Requirements

Baccalaureate requirements of the university provide a measure of standardization in the awarding of degrees. Yet each baccalaureate degree is distinct in its

special requirements. Candidates for any degree who expect to complete the teacher education program leading to certification should satisfy requirements listed under the Bachelor of Science in Education degree.

[2.2.1] Bachelor of Arts

In addition to the other requirements for graduation, the Bachelor of Arts degree requires completion of three hours in a foreign language on the 2000-level or above. A student with no previous experience with a foreign language normally will enroll in 1310. Students with prior experience in a language are strongly encouraged to take the departmental placement test before enrolling in their first course. Note: Guided Study (i.e., correspondence) courses will not be accepted as transfer credit in fulfillment of the foreign language requirement.

Students who have not previously received undergraduate credit in a given foreign language at a college or university may receive credit by examination in that language. Such credit is limited to a maximum of six hours in one language or twelve hours within the department and is granted by fulfilling the following criteria:

- Achievement of a satisfactory score on a placement examination administered by the Department of World Languages, Literatures, and Cultures.
- Satisfactory completion, with a minimum grade of B, of the next foreign language course above the level for which credit by examination is to be awarde

In cases of unusually thorough preparation, or in the case of international students, exemption may be sought from the Department of World Languages, Literatures, and Cultures.

[2.2.2] Bachelor of Business Administration

In addition to the other requirements for graduation, the student who plans to earn the Bachelor of Business Administration degree must complete the requirements in business foundation and core courses as specified in the College of Business Administration section of this bulletin.

[2.2.3] Bachelor of Fine Arts

The requirements for the Bachelor of Fine Arts degree are specified in the Department of Art section of this bulletin.

[2.2.4] Bachelor of Music

The requirements for the Bachelor of Music degree are specified in the Department of Music section of this bulletin.

[2.2.5] Bachelor of Science

In addition to other requirements for graduation and the general education requirements in mathematics and science, the Bachelor of Science degree requires completion of one year of mathematics (excluding UNIV 1340, MATH 3351, and MATH 4310) or two courses in a laboratory science (e.g., 2 courses in biology, courses in chemistry, etc.). General education science courses (e.g., BIOL 1400, CHEM 1400, and PHYS 1400) cannot be used to satisfy the additional year of science.

[2.2.6] Bachelor of Science in Nursing

The requirements for the Bachelor of Science in Nursing are specified in the Department of Nursing section of this bulletin.

[2.2.7] Bachelor of Science in Education

Candidates for the BSE degree must complete a major in a certifiable teaching field. Requirements for admission to the teacher education program, admission to directed teaching, licensure, and other requirements are specified in the College of Education section of this bulletin.

Graduate Programs and Degrees

Undergraduate Bulletin
Document Number 2.09

Graduate Programs and Degrees

Graduate Dean: Dr. Elaine McNiece

[1] Programs and Degrees

For more information about graduate programs and financial assistance for graduate studies, contact the Graduate School at (501) 450-3124.

The University of Central Arkansas offers the following graduate degrees and programs:

Doctor of Philosophy (PhD)

- Physical Therapy
- School Psychology
- Communication Sciences and Disorders (Consortium with University of Arkansas for Medical Sciences and University of Arkansas at Little Rock)
- Leadership Studies

Doctor of Physical Therapy (DPT)

Educational Specialist (EdS)

- Educational Leadership

Master of Fine Arts (MFA)

- Digital Filmmaking

Master of Arts (MA)

- English
- History
- Mathematics Education
- Spanish

Master of Arts in Teaching (MAT)

Master of Accountancy (MAcc)

Master of Business Administration (MBA)

Master of Science in Education (MSE)

- Advanced Studies in Teaching and Learning
- Early Childhood Education
- Reading
- Special Education

Master of Science (MS)

- Applied Computing
- Applied Mathematics
- Biology
- College Student Personnel Services and Administration
- Community and Economic Development
- Community Counseling
- Counseling Psychology
- Family and Consumer Sciences
- Health Sciences

- Health Systems
- Kinesiology
- Library Media and Information Technologies
- Occupational Therapy
- Physical Therapy
- School Counseling
- School Leadership, Management, and Administration
- School Psychology
- Speech-Language Pathology
- Training Systems

Master of Science in Nursing (MSN)

Master of Music (MM)

Concentration Areas:

- Choral Conducting
- Instrumental Conducting
- Music Education
- Performance - Instrumental, Keyboard, Voice
- Theory

Graduate Certificate (GC)

- Business Management
- Diverse Literatures
- Geographic Information Systems

[2] Concurrent Undergraduate/Graduate Enrollment

If a senior is in the last term of enrollment before receiving a baccalaureate degree and is otherwise fully qualified to enter graduate study, that student may be admitted to concurrent status. An Application for Admission to the Graduate School and an Application for Concurrent Status must be filed with the Graduate School at least six weeks prior to registration. The student's entire program is subject to the regulations and requirements for graduate study. Graduate credit will be received only if the student completes the requirements of the bachelor's degree during the term in which the graduate courses are taken.

Fees and Financial Aid

Undergraduate Bulletin
Document Number 2.10

[1] General Information

The university is supported chiefly by state appropriations and student fees. The goal of the university is to offer the best possible educational opportunities an services at the lowest possible costs. One of the ways the university accomplishes this is by requiring that a significant down payment be made on general registration and other mandatory fees and the first installment of room and board must be paid at the beginning of the semester with the subsequent three installments scheduled in approximately 30-day intervals. It is the responsibility of a registered student to comply with the University's withdrawal policy if they do not plan to attend. Collection fees for outstanding debts owed to the university may be assessed to the student. The university reserves the right to amend add to the regulations of the institution, including those concerning fees and methods of payment, and to make such changes applicable to students enrolled in the university, as well as to new students.

[2] General Registration and Other Mandatory Fees (Undergraduate)

General registration and other mandatory fees are based on the number of hours in which a student is enrolled. Current fee schedules can be obtained in the Student Accounts Office, McCastlain Hall, Room 144.

[3] Withdrawals and Refunds

Please note that financial aid regulations govern those students who receive Title IV funds. For more information, please contact the Financial Aid Office, McCastlain Hall, Suite 001.

[3.1] Withdrawals/Class Adjustments: Fall and Spring Semesters

From the first regular class day of the semester until the sixth regular class day, students who officially withdraw from the university or make schedule adjustments for the fall and spring semesters will receive a 100% reduction in their charges for registration and mandatory fees, if applicable. A withdrawal fee must be paid prior to termination of a complete class schedule during any semester from the first regular class day of each semester. Non-payment of this fee will result in the loss of any potential reduction in the charges during the 100% or the 75% reduction periods.

Students who officially withdraw from the university or make schedule adjustments after the fifth regular class day but before 4:00 p.m. on the fifteenth-day of classes will receive a reduction in their charges for registration and fees as follows:

Withdrawals -- Registration and mandatory fees, if applicable, will be reduced by 75% upon payment of the withdrawal fee.

Schedule adjustments -- Students may be entitled to a 75% reduction in registration and mandatory fees, if applicable, based on the difference in the cost of th original class enrollment and their modified class enrollment.

Refunds that total less than $5.00 will not be granted.

The Post Office box rent is not refundable.

[3.2] Withdrawals/Class Adjustments: 10-Week, Intersession, and Summer Terms

Students who officially withdraw from the university or make schedule adjustments before the third regular class day for the 10-week, intersessions, and summer terms will receive a 100% reduction in their charges for registration and mandatory fees, if applicable. A withdrawal fee must be paid prior to termination of a complete class schedule during any term from the first regular class day of each term. Non-payment of this fee will result in the loss of any potential reduction in the charges during the 100% or the 75% reduction periods.

Students who officially withdraw from the university or make schedule adjustments after the second regular class day but before 4:00 p.m. on the fifth day of classes will receive a reduction in their charges for registration and fees as follows:

Withdrawals - Registration and mandatory fees, if applicable, will be reduced by 75% upon payment of the withdrawal fee.

Schedule adjustments - Students may be entitled to a 75% reduction in registration and mandatory fees, if applicable, of the difference in the cost of the origina class enrollment and their modified class enrollment.

Refunds that total less than $5.00 will not be granted.

The Post Office box rent is not refundable.

[3.3] Room and Board Refunds

If a student withdraws from housing before the end of the academic year, the room deposit will be forfeited. A housing lease buy-out option exists for student who wish to cancel their housing lease and move off campus after the school year begins. Room and board may be adjusted/refunded for all students on a weekly basis according to the provisions of the housing contract.

Refunds that total less than $5.00 will not be granted.

[4] Other Policies and Charges

[4.1] Non-Resident Students

A student must be a bona fide resident of Arkansas for at least six consecutive months prior to registration to be classified as an in-state student. Complete regulations and a form for requesting a change in classification for this purpose may be obtained from the Admissions Office.

[4.2] Identification Card

Student identification cards are issued at the time of registration. A charge of $10.00 will be made for replacement cards. The ID card is property of the University of Central Arkansas and must be returned upon request.

[4.3] Late Registration/Late Payment Fee

A late registration fee will be charged for registration on or after the first day of classes for the university. The schedule of classes for each semester and summer session details specific dates for registration.

A late payment fee will be charged for the initial payment received on or after the first day of classes for the university. The schedule of classes for each semester and summer sessions details specific payment deadlines.

[4.4] Drop/Add Fee

A charge will be imposed for each course dropped or added on or after the first day of classes for the university. The schedule of classes for each semester and summer session details the specific amount of the drop/add fee. The fee will not be charged for schedule changes requested by the university.

[4.5] Applied Music Fees

See Department of Music.

[4.6] Health Science Fees

See major department.

[4.7] Bowling Fees

Bowling classes are held at a commercial establishment; therefore, a participation fee based on current prices will be charged.

[4.8] Transcript Fee

There is no charge for the first official academic record transcript issued to a student. A graduate receives two official transcripts free of charge with the diploma. A nominal fee is charged for each additional copy. Official academic record transcripts may be released only after all financial obligations to the university have been satisfied.

[4.9] Breakage Charges

It is a policy of the university to charge all students a breakage fee for materials, equipment, furniture, or any other property of the university, damaged over an above ordinary wear and tear.

[4.10] Graduation Fees

Each candidate for the associate, baccalaureate, master, and specialist degree pays an appropriate graduation fee to the Student Accounts Office at the time of application for graduation.

[4.11] Dining Services

University dining services assure students a healthful and balanced diet at an economical cost. Students are required to have a meal plan and may choose from variety of meal plan options at the beginning of each semester. That selection may not be changed after the first week of classes. Off-campus students have th

option of purchasing a commuter meal plan from the dining services office located in the back of the cafeteria. Students with a special diet should bring a doctor's order and recommended diet to the Director of Food Services.

[4.12] Housing Costs

Housing costs are quoted in terms of room and board. Housing costs and prices of various meal plans may be obtained from the Housing Office.

[4.13] Honors College Participation Fee

See the Honors College office.

[4.14] College of Natural Sciences and Mathematics Laboratory Fee

See natural sciences departments.

[5] Financial Aid

Financial aid, simply defined, is money that helps students pay for their educational costs. Aid may be in the form of loans, grants, scholarships, employment opportunities, or a combination of all of these.

The Student Financial Aid Office is primarily responsible for the processing of federal Title IV aid and coordinating federal aid with other funds, such as scholarships. Title IV aid includes Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal College Work Study, Federal Perkins Loans and the Federal Stafford Loans. Other scholarships and grants are awarded by various departments and agencies on and off campus. The Student Financial Aid Office is a good resource for questions concerning these other types of aid.

Most federal programs require the student to complete the Free Application for Federal Student Aid (FAFSA). The FAFSA gathers information that is used to determine the relative financial strength of the student's family or the need for assistance. Please note that eligibility criteria for each of the programs varies. Students may be able to establish need for all programs, whereas others may be able to establish eligibility for one program but not all programs. The followin is a general summary of the programs available at UCA and is intended to give you an overview of these programs.

Application forms may be obtained from the Student Financial Aid Office located in McCastlain Hall, Suite 001. Student Financial Aid Office personnel are available to answer questions and to assist students with the application process.

[5.1] Grants

[5.1.1] Federal Pell Grants

This is the basic grant available to undergraduate students who have demonstrated an exceptional financial need on the FAFSA and have not earned a bachelor' or professional degree. Funding comes from the federal government.

Federal Academic Competitiveness Grant: This is a new grant program for Pell eligible U.S. citizens who are first and second year undergraduate students who have completed a rigorous secondary school program. The first-year award is $750 and the second year award is $1,300. The U.S. Department of Education ha not yet finalized the process for applying for or awarding of these funds.

Federal National Science and Mathematics Access to Retain Talent Grant (SMART Grant): This Grant is for Pell eligible, U.S. citizens who are third or fourth year students pursuing a major in the physical, life or computer sciences, mathematics, technology, engineering or foreign language. The U.S. Department of Education has not yet finalized the process for applying for or awarding of these funds. The award is for $4,000 per year.

[5.1.2] Federal Supplemental Educational Opportunity Grant (SEOG)

SEOG grants are intended, as the name implies, to supplement other aid. These grants are federally funded with each school receiving a fixed amount each yea Funds are awarded to a limited number of undergraduate students with preference being given to Pell recipients demonstrating exceptional financial need.

[5.2] Loans

[5.2.1] Federal Perkins Loans

Federal Perkins Loans are long-term, low interest (5 percent) loans from the federal government administered through our school. Repayment and interest begi nine months after a student graduates, leaves school, or drops below half-time enrollment. At the end of the grace period, borrowers must begin repaying the loan.

[5.2.2] Federal Stafford Loans

The Federal Stafford Loan programs provide low interest loans to students who are attending UCA at least half-time. The private lenders provide the loan capita

after the school has determined eligibility.

[5.2.3] Federal PLUS Loan (Parent Loans to Undergraduate Students)

Federal PLUS loans are not based on the income of the family. These loans allow creditworthy parents of undergraduate students to borrow up to the cost of education minus other aid.

[5.3] Campus Employment

UCA offers two work programs on campus. One is need-based Federal College Work Study; the other is non-need-based UCA Employment. Both programs require students to provide documentation of their eligibility to work including a copy of their Social Security card.

With the exception of a student qualifying for College Work Study, both work programs have the same hiring process and require the same paperwork for payro

[5.4] Scholarships

A limited number of scholarships are awarded to deserving and talented students. Academic, ROTC, band, orchestra, choral music, art, theatre, forensics, mass communication, honors, and athletic scholarships are available. Contact the appropriate office or department for application material.

[5.5] Veterans Benefits

Financial aid is available through various veterans' programs. The Cold War Benefits, War Orphans Educational Law, and the Children of Disabled Veterans are some of the programs that aid those who qualify. Since much of this is technical information, it is suggested that an individual applying for aid from Veterans Administration programs contact the Regional Office of the United States Department of Veterans Affairs. The Office of the Registrar provides enrollment certification information and application forms; it does not, however, provide Veterans Administration counseling or advising.

Student Resources and Services

[1] Student Services

The Division of Student Services actively participates in the academic and service mission of the university. We encourage, support, and challenge students to reach the highest levels of personal development as individuals, group members, and citizens. To achieve its mission, the Division of Student Services provides an array of programs, services, and activities designed to assist students to

1. Make a successful transition to college life,
2. Acquire the skills to be successful in their chosen career,
3. Assume personal responsibility and make healthy life-style choices,
4. Become effective leaders,
5. Value and respect diverse cultures and backgrounds,
6. Develop informed values affirmed by ethical standards of behavior,
7. Enhance and protect a sense of community,
8. Extend learning beyond the classroom, and
9. Make health-enhancing use of leisure time.

[1.1] Campus Post Office

The University Campus Post Office is located on the first floor of the Student Center. All students living on campus are assigned a post office box where they receive their mail. The Campus Post Office offers regular postal services including stamps, express mail, international mail, and package service. Hours of operation are from 8:00 a.m. to 4:00 p.m. For more information call 450-3115.

[1.2] Career Services

The Career Services Center, located at 311 Bernard Hall, provides services to assist students in determining career and educational choices. Through both group and individual counseling, the center tries to help students better understand themselves, their interests, and abilities.

The Center will (1) provide information on careers, current job trends, colleges and graduate schools and (2) develop, sponsor and coordinate career-oriented programs for all students throughout the school year. The Center maintains a current library which includes directories of colleges, graduate schools and employers, the latest books on interview preparation and job hunting techniques, literature on specific companies and government agencies, and literature on any career. Career-oriented programs may include seminars, interview preparation, careers for women, career opportunities for minorities, and job-hunting techniques.

Placement services are provided for students and alumni to help them find full time, part-time, temporary, and summer employment in business, industry, government and education.

All students are encouraged to establish placement files with the Center before graduation. Placement records are maintained in the Center under the supervision of the director. These records are released to agencies, institutions, business firms, industrial organizations and individuals only after authorization of the student. Records are kept for a period of three years, after which they must be updated to be reactivated. For more information call 450-3134.

[1.3] Cooperative Education

Cooperative Education is an experiential learning activity involving a three-way partnership among the student, the university, and an employer. These experiences permit students to enhance skills and knowledge obtained in the classroom, solidify career decisions, gain work experience, and develop career-related networks. Students are paid in many of these experiences. Some experiences permit students to earn academic credit through internships.

The Office of Cooperative Education, located in Bernard Hall Room 209, helps eligible UCA students identify opportunities for these experiences. Students are coached on the placement process, complete an application, submit a resumé, and are placed in an applicant pool. For information, e-mail coop@uca.edu or phone 450-3250.

[1.4] Copy Center

The UCA Copy Center provides a wide range of copying services for UCA departments. Services include one or two-sided copying, color copying, stapling, folding, cutting, collating, binding, reduction/enlargement, and padding. For more information call 450-5199.

[1.5] Counseling Center

The Counseling Center, located in Suite 327 of the Student Health Building, provides students, faculty, and staff with a variety of services designed to facilitate personal development. All services are free and confidential in nature. Appointments can be made by calling 450-3138 or by coming by the Center Monday

through Thursday, from 8:00 a.m. to 5:30 p.m., and Friday from 8:00 a.m. to 4:30 p.m. A detailed brochure describing the full range of activities provided is available upon request or the Center can be accessed on the Internet at www.uca.edu/counseling. The Counseling Center is accredited by the International Association of Counseling Services, Inc.

[1.6] Disability Support Services

The Office of Disability Support Services is located in the Student Center basement, room 01A. UCA seeks to be in compliance with both the spirit and letter of the law as stated in Section 504 of the Rehabilitation Act, as amended, and the Americans with Disabilities Act. This office's primary goal is to provide access to all programs and reasonable accommodations to qualified students. It is the responsibility of the students to notify the University of any disability or disabilities Students who attend UCA are *required* to provide documentation of disabilities. As soon as the student is accepted for admission to the university, they should complete a confidential registration form and make an appointment to meet with an office staff member to discuss the program and any accommodations that will be necessary. Academic accommodations may include e-text, enlarged print books, reader services, interpreters, use of adaptive technology, and alternativ testing procedures. Other services are also arranged, depending upon the student's particular needs. If you need assistance, call 450-3135.

[1.7] Health Promotion and Wellness

Health Promotion and Wellness Services is located in the HPER Center Room 204 and is open 8:00 a.m.-4:30 p.m. Monday through Friday. The main function of this office is to promote healthy behavior in the UCA community. Community assessments, such as the CORE Alcohol and Drug Survey, are conducted annually campus to help evaluate the behaviors and programming needs for students. Education programs are also developed, implemented, and evaluated to help positively impact the health choices of those within the campus community. The office acts as a resource for health information for the campus, provided free o charge through a variety of brochures on numerous health topics and through events and presentations.

The primary focus of Health Promotion and Wellness activities is prevention. One goal is to create conditions at UCA where negative health behaviors are less likely to occur. Educational events and healthy alternative activities are held each semester and are free to all UCA students. The events include: Alcohol and Drug Awareness Week, Great American Smoke-Out, World Aids Day, Nutrition Fair, Health Fair, and National Women's Health and Fitness Day. The office provide programs on alcohol and other drugs, stress management, sexually transmitted diseases, and other topics. For more information call 450-3133.

[1.8] International Programs

The Office of International Programs coordinates international student matters within the university and acts as a liaison between international students, administrative and departmental offices of the university, agencies of the US government, and private organizations. It processes all international undergraduate applications for admission, notifies students of their admission status, and issues admission documents. In addition, it organizes and coordinates a variety of UCA study abroad programs and supplies students with information about other study abroad opportunities.

The university provides English language training for students who need to increase their English proficiency (see Intensive English Program).

[1.8.1] International Student Services

The Office of International Programs sponsors a variety of support services for international students. Advisory services are available regarding financial, personal, educational and social issues, health insurance claims, and the requirements of the Department of Homeland Security. Other services and programs include the following:

- A comprehensive orientation program that meets the unique needs of new international students, including airport pick-up, advising, testing, registratio banking, and shopping. The program is designed to complement the new student orientation offered by the university.
- The Bears without Borders, which gives students the opportunity to share their culture through presentations to local schools and civic organizations.

[1.8.2] Study Abroad

The Office of International Programs encourages all UCA students to include at least one study abroad experience in their university curriculum and offers information and support to any student interested in studying abroad. Information is available in the Study Abroad Library located on the third floor of Torreyso Library.

University faculty interested in developing study abroad opportunities or exchanges can obtain assistance from the international programs staff with budgets, cost projections, exchange agreements, logistical arrangements, travel insurance, and other matters. Faculty should confer with department chairs and deans fo clearance on all academic matters related to proposed study abroad programs.

UCA is a member of the Council for International Educational Exchange and the Institute of International Education. Both of these organizations provide significant support and resources for institutions and for students wishing to study abroad.

[1.9] Intramural Sports and Recreation

Intramural Sports - Not everyone can be a college athlete, but all can participate in intramural sports at UCA. The program is designed to provide an opportuni

for every student, faculty and staff to participate in organized recreational sports competition. Long a tradition at UCA, intramural programs are conducted fo men and women, while some are co-ed. Activities include flag football, tennis, cross country, softball, swimming, bowling, basketball, volleyball, table tennis, badminton, horseshoes, and soccer. These activities are governed by the Intramural Council, which consists of student representatives from intramural teams.

Recreation - The Office of Recreation provides recreation opportunities that aid in the sociological, psychological, and physiological development of the university's students, faculty and staff. An indoor pool, softball complex, soccer, informal recreation, racquetball, badminton, table tennis, walleyball, aquatic programs, basketball, and sports clubs are just a few of the recreational opportunities available. Because of these programs and our indoor and outdoor facilitie this is one of the most popular operations on campus. For more information, stop by the Recreation Center located on Students Lane (off Farris Road), or call 450-5712.

HPER Center - A 73,000 square feet recreation facility that houses a gymnasium, fitness center, walking/job track, aerobic studio, recreation checkout, and separated locker rooms. The gymnasium has three regulation wood floor basketball and volleyball courts that can be converted into nine badminton courts. Th fitness center is 11,000 square feet with state of the art fitness equipment, which includes cardiovascular machines with an audiovisual entertainment system, selectorized weight machines, and free weights. The walk/jog track has a rubberized surface for effortless workouts. The HPER Center, located on Students Lan (off Farris Road) is a must for any student interested in fun and fitness.

[1.10] KCON and KUCA Radio Stations

KCON 1230 AM is the student operated radio station at UCA and is located in the Student Center basement. KCON broadcasts contemporary adult music, camp news, weather, and UCA athletic events. The station also does live remote broadcasts of campus events. For more information on remote broadcast or advertising, contact Monty Rowell and Steve Owens at 450-3326.

KUCA 91.3 FM is the public non-commercial educational station at UCA and is located in the Student Center basement where it is being operated with KCON. T station broadcasts contemporary adult music, news, weather, UCA athletic events, along with educational and public affairs programs.

In the event of inclement weather, KCON 1230 AM will broadcast UCA closing and cancellation information and severe weather announcements.

[1.11] Leadership Programs

The university offers various leadership development workshops throughout the academic year. Guest speakers from around the country, as well as experts on the UCA campus, speak on important topics to assist students in developing their leadership skills. UCA annually sponsors the Leadership Academy and Leadership Institute, an intense 24-hour leadership retreat for student organization leaders. Helpful information including videotapes, pamphlets, and articles a available to student leaders in the Activity Center, located in the Student Center, room 207. For more information call 450-3137.

[1.12] Minority Services

The Office of Minority Services, located in room 01A of the Student Center basement, is available to provide resources and support services for UCA students. The Minority Mentorship Program, the Umoja Leadership Institute, and the Transitions Workshop are coordinated through the office. Each of these programs is designed to assist students, particularly minority students, in making the adjustment to college life and succeeding at UCA. In addition, the office offers multicultural training and workshops for students, faculty and staff. For more information, call 450-3135.

[1.13] Student Center

The Student Center is the community center of the university serving students, faculty, staff, alumni, and guests. It offers a variety of programs, activities, services, and facilities. In the basement are offices for Minority Students Services, Disability Support Services, and the studios for KCON and KUCA radio stations On the first floor is a food court, Post Office, University Bookstore, Campus Information Center, lounges, convenience store and the Java Joint featuring specialized coffee, drinks and desserts. On the second floor of the Student Center are meeting rooms, a ballroom, lounge space, and offices for the ECHO (scho newspaper), SCROLL (school yearbook), Student Government Association, Greek Services, Student Organizations, Student Activities Board, Orientation, and Student Center Administration.

The Student Center also offers full service meeting and conference facilities for student organizations, university departments and conferences for the Central Arkansas area. The meeting rooms accommodate from ten to five hundred people, with portable staging, a variety of sound systems, and other services. For more information call 450-3235.

[1.14] Student Health Clinic

The Student Health Clinic is located on the first floor of the Student Health Building and is open from 8:00 a.m. to 11:30 a.m. and 1:00 p.m. to 4:30 p.m. Monday through Friday (Emergencies will be accepted until 5:00 p.m.). Services available include: measles, mumps, rubella, tetanus/diphtheria, hepatitis-B and meningitis immunizations, examination and treatment of minor illness or injury, TB skin tests, blood pressure checks, tests for pregnancy, blood sugar, cholesterol, strep test, urinalysis, CBC, mononucleosis test, pulse oximetry, and peak flow measurements as ordered by the nurse practitioner. EKG, laceration repair, removal of simple lesions, IV re-hydration, IM injections of a limited formulary and prescriptions on Schedule III, IV, and V are provided upon the order o

an Advanced Practice Nurse (Nurse Practitioner). Women's health care, including pap smears by appointment, and gynecological exams are provided as available. Physica exams are available by appointment only. Health education and counseling, loan of crutches, student health insurance forms, and assistance in obtaining appointments with health care providers outside the University are also available.

The Student Health Clinic does not routinely provide emergency care outside the office. Emergency care is obtained by calling 911 or at the Conway Regional Medical Center Emergency Room. Students are responsible for all charges, prescriptions, and tests outside the Student Health Clinic.

The Student Health Clinic does not provide excuses for missed classes. Should a student be unable to attend classes for three (3) days or more, the Student Health Clinic will notify the student's instructors of the expected absence (but not the specific reason) and possible return date. The instructor may then decide what work, if any, may be performed at a later time. Extended absences may be reported by calling the Student Health Clinic (501-450-3136). Students who a confined to their residence hall room or require a temporary special diet due to illness may obtain meal slips from the residence hall director or the Student Health Clinic.

Proof of Immunization - Arkansas state law (Act 141, 1987) requires proof of two immunizations against measles and rubella for all full-time students and tho part-time students living on campus. UCA requires students to provide proof of immunization before registering for classes. Immunizations are available free o charge in the Student Health Clinic.

[1.15] Student Insurance

An optional student insurance plan, provided through a private carrier, is made available to UCA students. The plan is designed to cover both accident and sickness. Benefits may be paid in addition to benefits from any other policy. Brochures can be obtained from the Student Health Clinic. The University of Centra Arkansas is not responsible for any policy matters or contractual functions between students and the insurance carrier.

[1.16] Student Organizations and Activities

The student's first priority at UCA is to study so that he/she may succeed academically. However, there is much more to college life than just classes, homework, exams and grades. There are student organizations, special events, athletics events - you name it! Through these co-curricular activities, students develop leadership and communication skills; interact with other leaders, administrators and faculty; increase their awareness of available campus resources; an enhance their development while at college.

There are over one hundred registered student organizations at UCA. A complete listing of currently recognized student organizations is available in the Activity Center, Student Center room 207.

[1.16.1] Student Government Association

The Student Government Association (SGA) is the representative voice for UCA students. SGA formulates policies, allocates student activity fees to student organizations and university departments, and works closely with administration on issues that directly affect UCA students. SGA meetings, held on Monday evenings in the Student Center, are open to the public. Elections for various offices are held in the fall and spring. SGA offices are located in the Student Center room 208. Students are encouraged to get involved in SGA leadership positions and sponsored activities. For more information call 450-3195 or visit uca.edu/org/sga.

[1.16.2] Student Activities Board

The Student Activities Board (SAB) coordinates entertainment for the campus community. Comedians, movies, musicians, lectures, specialty acts, and big-name concerts are just a few of the activities brought to the campus. All SAB events are funded through a student activity fee and most are free to UCA students. The SAB office is located in the Student Center, room 206. For more information call 450-3235 or visit ucasab.com

[1.16.3] Greek Life

Fraternities and sororities are considered an integral part of campus life. Greek organizations provide social, recreational, service, and leadership opportunities for UCA students. UCA Greek organizations come under one of three governing bodies: Panhellenic Council, Interfraternity Council, and National Pan-Hellenic Council. The Greek Services Office is located in the Student Center, room 207. For more information call 450-3137 or visit uca.edu/gogreek.

Panhellenic Council (NPC). The Panhellenic Council is a governing body composed of two delegates from each of the National Panhellenic Conference sororities o campus. Panhellenic meets weekly to discuss issues of mutual concern. Panhellenic also coordinates sorority rush and plans major recruitment, philanthropic, social, and educational programs for the sorority community. NPC groups recognized at UCA include Alpha Sigma Alpha, Alpha Sigma Tau, Delta Zeta, and Sigm Kappa.

Interfraternity Council (IFC). The IFC is a governing body composed of two representatives from each of the National Interfraternity Conference fraternities on campus. The IFC meets weekly to discuss issues of mutual concern. The IFC coordinates fraternity rush and seeks to develop policies and plan activities to unite the fraternity community and enhance the social and educational experiences of members. IFC groups recognized at UCA include Pi Kappa Alpha, Phi Sigma Kappa, Sigma Nu, Sigma Phi Epsilon, Sigma Tau Gamma, and Kappa Sigma.

National Pan-Hellenic Council (NPHC). The NPHC is a governing body composed of representatives from the historically African-American Greek organizations o campus. NPHC meets bi-weekly to discuss issues of mutual concern. NPHC also coordinates an annual calendar for the social events and theme weeks of the eight NPHC fraternities and sororities. NPHC fraternities recognized at UCA include Alpha Phi Alpha, Kappa Alpha Psi, Omega Psi Phi, Iota Phi Theta, and Phi Bet Sigma. NPHC sororities recognized at UCA include Alpha Kappa Alpha, Delta Sigma Theta, Sigma Gamma Rho and Zeta Phi Beta.

[1.16.4] Life on Campus

Many activities and leadership opportunities are offered through on-campus life for students living in the residence halls/apartments. Each area has a council whose primary responsibilities include budgeting activity funds, purchasing equipment, improving facilities, forming intramural athletic teams, and planning social, educational, and cultural events. The Residence Student Association is the coordinating body for all the communities. It is composed of voting representatives from each area council. The Residence Life Judicial Board is comprised of students from the residence halls/apartments. Its function is to hear disciplinary cases of students who violate policies. For more information call 450-3132.

[1.16.5] Student Publications

The university offers several publications in which students can become involved. The *Scroll* is the university's yearbook. It attempts to tell the story of the scho year through careful selection of eye-catching pictures and balanced written accounts. The idea is to produce a book that will be of immediate interest to readers, yet have lasting value as a historical document by accurately recording growth and change in the university. Working on the *Scroll* is open to all students. Students may volunteer or earn one credit hour in Print Media Applications through the Mass Communication program. The *Scroll* is supported by student fees and is issued at the end of the spring term. It is free to students. The office is located in the Student Center, second floor. For more information c 450-5599.

The *Echo* is a student-run, independent newspaper for the campus community. The newspaper is supported by student fees although most of its costs are born by advertising revenues. It presents a weekly picture of university life and issues, through news, editorials, columns, photos and feature stories. The staff members are students from all areas of campus, and most have an interest in journalism. The *Echo* office is located in the Student Center, second floor. For more information call 450-3446.

Vortex is a literary and art magazine published at UCA. The Editorial Board is composed entirely of students. Department of Writing and Speech faculty serve as advisors only. Vortex contains student work in short fiction, poetry, essays, drama, screenplays, art, and photography. One volume a year is published during t spring term. For more information call 450-3344.

[1.16.6] Department Organizations

Students can organize and join organizations related to their academic major. Department organizations available at UCA include:

Association of Psychology Counseling Grads
American Association Family & Consumer Science
Beta Alpha Psi
Honors Center Society
Design This
Le Cercle Francais
Minority Mentorship Program
National Student Speech, Language, Hearing Association
North American Saxophone Alliance
Phi Mu Alpha Sinfonia
Psi Chi/Psychology Club
Public Relations Club
Pre-Physical Therapy Club
Rough Draft, The UCA Creative Writing Club
Sigma Alpha Iota
Society of Physics Students
Spanish Club
Student Chapter National Art Education Association
Student Council for Exceptional Children
Student Dietetic Association (SDA)
Student Nurses Association
Student Occupational Therapy Club

Student Physical Therapy Club
UCA Biology Club
UCA Investment Club
UCA Marketing Club
UCA Student Chapter North American Saxophone Alliance
UCA Math Club

[1.16.7] Honorary Organizations

UCA offers many honorary organizations that recognize students for their academic, leadership, and/or service achievements. Honor organizations at UCA include:

Alpha Sigma Lambda
Alpha Kappa Psi
Gamma Beta Phi
Kappa Delta Pi
Kappa Kappa Psi
Lambda Pi Eta
Order of Omega
Tau Beta Sigma
Sigma Theta Tau

[1.16.8] Activity/Service Organizations

UCA offers organizations that focus on a program, activity, and/or service. Organizations available at UCA include:

American Society of Interior Design
Alpha Phi Omega
The Bear Den
Big Brothers Big Sisters/UCA
Black Graduate Association
Black Men United
Circle K International
Griot Society
UCA Habitat for Humanity
Humane Society of SRC/UCA
Leadership Council
Medieval Battle Re-enactment Organization
Phi Beta Lambda
Prism Alliance of UCA
Residence Hall Councils
SIFE Students in Free Enterprise
Society for the Unification of African American Women
SPBC - Activity/Service
Student Activities Board - Governing
Student Government Association - Governing
Students for the Propagation of Black Culture
Student Support Staff
UCA College Republicans
UCA Ebony Models
UCA Environmental Alliance
UCA Corp of Cadets
UCA Wellness Club
Umoja Wa Afrika
Up 'til Dawn

[1.16.9] Religious Organizations

Several religious organizations are active on the UCA campus:

Association of Baptist Students
Association of Muslim Students
Baptist Collegiate Ministry
Campus Crusade for Christ
Catholic Campus Ministry
Chi Alpha Christian Fellowship
Judah Chorale Collegiate Choir (Cogic Club)
Church of Christ Student Union
Missionary Baptist Student Fellowship (MBSF)
Student Mobilization
Word of Wisdom Outreach (WOW)

[2] Housing

The university's residence halls and apartments provide students a convenient and comfortable place to live and study.

[2.1] Freshman Residency Requirement

Freshmen are required to live on campus their first academic year, unless space is not available. Freshmen may petition the housing office to live off campus if they meet one of the following criteria: (1) twenty-one years of age; (2) married; (3) currently enrolled in less than 12 semester hours of credit; (4) completed 2 hours of credit; (5) living with parents or legal guardian and commuting to campus; (6) living with grandparent, married brother, sister, aunt, or uncle, and commuting to campus; (7) have lived in a residence hall at another campus for two or more semesters. Freshmen may petition the Housing Exemption Committee to be released from the residency requirement. International freshmen are required to reside on campus their first calendar year at UCA; approval to move off campus must be granted by the Director of International Programs prior to any such action.

[2.2] Housing Reservations

See information linked from the UCA Housing and Residence Life page.

[2.3] Residence Life Regulations

A student living in a residence hall/apartment agrees to comply with the existing rules and regulations governing student conduct. These rules and regulations may be changed at the discretion of university officials. All students living in a residence hall/apartment will be required to sign a Housing lease and will be responsible for abiding by the terms of that lease.

Specific rules and regulations about university housing and areas of student conduct are provided in the *Student Handbook*. Copies of the handbook are availab at the office of the Dean of Students, 108 Bernard Hall.

[3] University Testing Services

University Testing Services provides registration materials for and coordinates administration of national standardized exams including ACT, CLEP, CPT, GRE, LSAT, MCAT, MFAT, and Praxis I and II. Testing Services does not provide preparation materials for exams. For more information see the Testing Services page.

[4] Alumni Association

All former students of the university are invited to join the Alumni Association. The Board of Directors of the Alumni Association plans the yearly schedule of events to which all former students and their guests are invited. Graduating seniors are introduced to the Alumni Association as a part of the commencement ceremony.

The *Alumni Contact*, a quarterly publication, is mailed to all alumni. This magazine provides information on activities of the university, the faculty and alumni. The association strives to establish and continue friendships and contacts, both social and professional, among its members and between alumni and the university.

Standards of Student Conduct

Undergraduate Bulletin
Document Number 2.12

[1] Introduction

Students of the University of Central Arkansas are expected to obey the laws of the land, the state of Arkansas, the regulations of the university, and conform to the accepted customs of civilized society in their conduct.

[2] Purpose/Goals

The UCA student judicial or conduct system has three primary purposes or goals: to change or redirect student behavior, protect the university environment, an protect the rights of students involved in the disciplinary process.

More specifically, the university endeavors to change student behavior that is considered unacceptable in the university community. To meet this goal, the university makes extensive use of student judicial boards and educational sanctions so that students are judged and provided feedback by their peers and provided with alternatives to inappropriate behavior.

The university strives to protect the university environment against acts of violence, destruction, and vandalism and to provide a quality living and learning environment, one that is safe, secure, and conducive to academic pursuits. Therefore, it may be necessary on occasion to remove students from the university community when the behavior is severe.

Finally, the university seeks to protect the rights of students involved in the disciplinary process by providing specific due process procedures, including appeals to ensure fair and just hearings.

[3] Delineation of Responsibilities

The authority to establish and enforce regulations of the university is vested in the Board of Trustees. The responsibility to initiate, implement, and supervise th disciplinary process for students is delegated to the President who in turn has designated the Vice President for Student Services as the person to conduct the non-academic disciplinary proceedings of the university. The Vice President for Student Services and the student services staff shall be responsible to the President of the university for disposal of all cases.

[4] Interpretation of Standards of Student Conduct

The University's Standards of Student Conduct are set forth in writing in order to give students general notice of non-academic prohibited conduct. The standards should be read broadly and are not designed to define non-academic misconduct in exhaustive terms.

[5] Inherent Authority

The university reserves the right to take necessary and appropriate action for on- or off-campus behaviors, to protect the safety and well-being of the campus community. Such action may include but is not limited to the immediate removal of a student from the campus premises. The authority for such decisions rests with the Vice President for Student Services, or designee.

Specific university regulations related to student conduct can be found in the *UCA Student Handbook and Daily Planner*, distributed to students at the beginnin of the academic year. The Office of Dean of Students, located in the Student Health Center, Room 210, can be contacted regarding specific questions. For more information call 450-3416.

Sexual Harassment Policy

Undergraduate Bulletin
Document Number 2.13

UCA's Sexual Harrassment Policy (Board Policy 511) is available in full online at www.uca.edu/board/500series; it may also be found in the current UCA Student Handbook.

[1] Introduction and Definitions

Sexual harassment by any faculty member, staff member, or student is a violation of both law and university policy and will not be tolerated at the University o Central Arkansas. Sexual harassment of employees is prohibited under Section 703 of Title VII of the Civil Rights Act of 1964, and sexual harassment of studen may constitute discrimination under Title IX of the Education Amendments of 1972.

The university considers sexual harassment a very serious issue and shall subject the offender to dismissal or other sanctions following the university's investigation and substantiation of the complaint and compliance with due process requirements.

Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors or other verbal or physical conduct of a sexual nature when

1. submission to such conduct is either explicitly or implicitly made a condition of an individual's employment with the university or a factor in the educational program of a student;
2. submission to or rejection of such conduct by an individual is used as the basis for an employment or academic decision affecting such individual;
3. such conduct has the purpose or effect of unreasonably interfering with an individual's right to achieve an educational objective or to work in an environment free of intimidation, hostility or threats stemming from acts or language of a sexual nature.

NOTE: Other forms of harassment based upon race, religion, national origin, sex, or age may have the same impact as sexual harassment. In the absence of other policies addressing these specific issues, the university encourages the use of the steps and procedures in this policy in reporting other types of harassment and will generally conduct investigations of those complaints in the same manner.

Although sexual harassment most frequently occurs when there is an authority differential between the persons involved (e.g. faculty member and student, supervisor and staff member), it may also occur between persons of the same status (e.g. faculty and faculty, student and student, staff and staff). Both men an women may be victims of sexual harassment, and sexual harassment may occur between individuals of the same gender.

Because of the unique situations existing between students, faculty, supervisors, and staff, relationships in the workplace and on campus should at all times remain professional. In particular, due to the professional power differential between faculty and students, faculty are encouraged to remain professional in all relationships with students.

Sexual harassment may create a hostile, abusive, demeaning, offensive or intimidating environment. It may be manifested by verbal and/or physical actions, including gestures and other symbolic conduct. Sexual harassment is not always obvious and overt; it can also be subtle and covert. A person who consents to sexual advances may nevertheless be a victim of sexual harassment if those sexual advances were unwelcome. Previously welcomed advances may become unwelcome. Examples of sexual harassment may include, but are not limited to, the following:

- non-sexual slurs about one's gender;
- contrived work or study assignments and assigning more onerous or unpleasant tasks predominately to employees or students of one gender;
- repeated unwanted touching, patting, or pinching;
- repeated inappropriate social invitations or requests for sexual favors;
- repeated unwanted discussions of sexual matters;
- use of sexual jokes, stories, analogies, or images that are not related to the subject of the class or work situation;
- touching, fondling, or deliberate brushing against another person;
- ogling, leering, or prolonged stares at another's body;
- display or use of sexual graffiti or sexually explicit pictures or objects;
- sexually suggestive jokes, comments, e-mails, or other written or oral communications.

Individuals who are aware of or have experienced an incident of sexual harassment should promptly report the matter to one of the university officials designated to receive these complaints. No person shall be subject to restraints, interference or reprisal for action taken in good faith to report or to seek advic in matters of sexual harassment.

In the course of a complaint investigation the university will attempt to maintain confidentiality for all parties involved. However, there can be no guarantee of confidentiality and anonymity based upon the course and scope of the complaint investigation.

A grievant whose complaint is found to be both false and to have been made with malicious intent will be subject to disciplinary action which may include, but not limited to, demotion, transfer, suspension, expulsion, or termination of employment.

[2] Procedures for Sexual Harassment Claims

Employees or students of the university who believe they have been subjected to sexual harassment are encouraged to use the following procedures to resolve their complaint.

The university will make every effort to adhere to the prescribed time frames of the informal and formal resolution processes. However, in the event that individuals involved are unavailable or of other unanticipated occurrences, the Affirmative Action officer, with the concurrence of the president, may adjust the time frames. Any changes will be immediately communicated to the complainant and respondent by the Affirmative Action officer, and, where possible, their needs will be accommodated.

[2.1] Informal Investigation and Resolution

1. Individuals who believe they have been subjected to sexual harassment (complainant) should report the incident promptly to their immediate supervisor o academic dean or to a departmental supervisor higher up in the chain of command or directly to the Affirmative Action officer, legal counsel, or assistan vice president for human resources.

The person to whom the complaint is made shall immediately contact the Affirmative Action officer, legal counsel, or assistant vice president for human resources. One or more of these administrators will determine the course of the informal investigation and resolution. The department involved and/or the supervisor to whom the complaint was made may be asked to assist in the informal investigation.

2. If, following investigation, an informal resolution of the matter which is satisfactory to the complainant, the person against whom the complaint is made (respondent) and the university (represented by the Affirmative Action officer, legal counsel, or assistant vice president for human resources) is reached, shall be considered closed and all parties involved shall be so advised in writing by the Affirmative Action officer, legal counsel, or assistant vice preside for human resources. If a satisfactory resolution has not been reached within ten (10) working days from the date of the complaint, the complainant, university, or respondent may initiate formal complaint/investigation procedures.

[2.2] Formal Investigation and Resolution

1. If the sexual harassment complaint has not been resolved through informal procedures and the complainant, university, or respondent wishes to pursue the matter further, he/she must file a written complaint. The written complaint must be filed with the Affirmative Action officer, legal counsel, or assista vice president for human resources within twenty (20) working days of the termination of the informal procedures. The complainant and respondent shal be entitled to have, at the individual's own expense, an advisor, who may or may not be an attorney, to assist in preparing the formal complaint.
2. The Affirmative Action officer will notify the parties involved of the sexual harassment complaint, provide copies of the complaint and advise the parties the procedures for a formal investigation and hearing within three (3) working days of receipt of the formal written complaint. The respondent will then b given five (5) working days to respond in writing to the complaint.
3. Within ten (10) working days of receipt of the formal written complaint the Affirmative Action officer shall refer the complaint and the respondent's response, if any, to the Sexual Harassment Complaint Committee.
4. Within five (5) working days of the committee's receipt of the complaint, the committee will meet separately with the complainant and the respondent. Th purpose of these preliminary meetings is to inform the committee about the case, to ensure that the complainant and respondent are fully aware of thei procedural rights, and to decide upon the nature of the investigation. Throughout the proceedings the respondent and complainant shall have the right t be accompanied by an advisor, who may or may not be an attorney. Attorneys will not be provided at university expense. The legal counsel may be present but shall act only in an advisory capacity to the committee.
5. Within five (5) working days of the conclusion of the committee's preliminary meetings with the complainant and respondent the Sexual Harassment Complaint Committee will hold a formal meeting on the matter. Strict judicial rules of evidence shall not be applied. The committee members may receive any evidence they consider to be relevant.
6. The respondent and complainant, and their advisors, shall have the right to be present at any time testimony is presented and to be provided copies of a evidence considered by the committee. Neither the respondent nor complainant shall have the right to cross-examine witnesses. Advisors shall not have the right to address or question committee members or witnesses.
7. A written record of the minutes of the proceedings and recommendations of the committee shall be presented to the president within five (5) working da of the committee's final meeting.
8. A copy of the minutes and recommendations of the committee shall be presented to both the complainant and the respondent at the time they are forwarded to the president.
9. Within ten (10) working days of receipt of the committee's recommendation, the president shall make a final decision concerning what action, if any, to

take including disciplinary action after considering the recommendation of the committee, and will notify the student in writing of the action taken.

Campus Security and Traffic Regulations

Undergraduate Bulletin
Document Number 2.14

[1] University Police (UCAPD)

The University of Central Arkansas (UCA) Police Department is the jurisdictional police agency for the University of Central Arkansas and is charged with the enforcement of all state and local laws and university regulations, as well as the development and delivery of crime prevention, public safety, traffic and parking services. The services of the UCA Police Department focus on the protection of persons and property, preservation of the peace, enforcement of state and local laws, prevention and repression of criminal activity, emergency preparedness planning, and management and control of parking and traffic on the campus.

The Department employs 26 full-time armed police officers who provide protective and law enforcement services to the university community of over 13,000 students, faculty and staff, which includes approximately 4,000 students who reside in campus housing and off-campus fraternities. The operating jurisdiction of the Department extends to all on-campus properties including 12 residence halls and numerous campus-owned or leased apartment complexes and houses within several blocks of the main campus. Officers actively patrol concurrently with the city of Conway all campus peripheral streets and major thoroughfares. In addition, the Department maintains mutual aid and operating jurisdiction agreements with the city of Conway and Faulkner County. University police officers ar granted full investigative and arrest authority on the campus and contiguous streets and highways pursuant to A.C.A. 25-17-305. The chief of the UCA Police Department reports directly to the President of the University.

University police officers are commissioned law enforcement officers and are professionally trained and certified by the Arkansas Commission on Law Enforcement Standards and Training. University police officers must meet mandatory state training requirements and, in addition, receive specialized training in university law enforcement, public safety, and critical incident response. University police officers are specially trained to understand the safety and security needs of students, staff, faculty and visitors within a richly diverse academic community. The wide spectrum of specialized training enables officers to successfully interact with diverse people, behaviors and social problems encountered within a university environment on a daily basis. The Department maintain and promotes respect for the individual rights and dignity of all persons and is dedicated to excellence in all of the services that are offered on a year-round basis.

[2] How to Summon Assistance

The UCAPD is located on campus between State and Hughes Hall. Persons needing EMERGENCY assistance at any time may call 9-1-1 from campus office telephones or 9-1-1 from residence hall telephones. General assistance can be obtained by calling 450-3111. Assistance can also be summoned by pushing th call button on any blue light emergency or elevator emergency telephone located throughout the campus. The dispatcher instantly knows the location of the caller and will ask what type of assistance is needed. The UCAPD lobby is open 24-hours a day. The on-duty dispatcher is available to assist at the lobby window. A local access telephone and a library of free crime prevention, safety, and health brochures are also available in the lobby.

[3] Annual Campus Security Report

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act requires that institutions of higher education publicly disclose an annua security report. This report includes statistics for the previous three years concerning reported crimes that occurred on campus; in certain off-campus buildings or property owned or controlled by the University of Central Arkansas; and on public property within, or immediately adjacent to and accessible from, the campus. The report also includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault, and other matters. The report is published annually by the University of Central Arkansas and is available in the UCA Studen Handbook, in the publication "Safety, Security & Health" at the offices of the UCA Police Department and the Human Resources Department, or by accessing the following websites:

- Police Department: www.ucapd. or
- Division of Student Services http://www.uca.edu/student/dean/student_handbook.php

Copies of the report are available upon request from the UCA Police Department at (501) 450-3111.

[4] Office of Parking and Traffic Services

Students may operate and park automobiles on the UCA campus in accordance with the University's Parking and Traffic Regulations once they have obtained a student parking permit. Detailed copies of these regulations are available at the University Police Department's Office of Parking and Traffic Services and at the time of purchase of a parking permit.

A vehicle parked on campus must display a current UCA parking permit and must be parked in accordance with regulations. The UCAPD maintains the Motorist

Assistance Program; motorists who need assistance because of a disabled vehicle or who are locked out of their vehicle can call 450-3111.

Vehicles not displaying a proper parking permit and those found parked in violation of regulations may be cited or towed and impounded. Violators must pay a citation fines and tow, impound, and storage charges. A traffic or parking citation or any other communication from a university police officer is an official university notice. The recipient who does not respond to such a communication is subject to disciplinary action.

Motorcycles and motorbikes must be parked in areas designated for motorcycle parking. Skateboarding or rollerblading is not allowed near buildings or when such activity creates a safety hazard.

The University Police Parking and Traffic Services Office is open 8:00 am–4:00 pm, Monday through Friday.

College of Business

Interim Dean and Professor: Dr. Casey, 450-3106
Associate Dean and Associate Professor: Dr. Hargis, 450-3411

[1] Vision, Mission, and Core Values

[1.1] Vision

Our vision is to be the leading regional public business college in Arkansas, with national recognition in selected fields or areas.

[1.2] Statement of Mission and Core Values

Our mission is to provide high quality business education to our undergraduate and graduate student through the delivery of a current and responsive curriculu that promotes intellectual and professional development. We promote excellence through our scholarly endeavors and service to our stakeholders through stron engagement with the regional and global business community. In carrying out this mission, the College of Business is guided by the following core values:

1. Intellectual Excellence

1.1 *Educate students:* We promote intellectual and professional development of students by emphasizing communication, critical and analytical thinking, collaboration, information management and a broad exposure to key business disciplines.

1.2 *Scholarship:* We believe that faculty and students should engage in professional development and scholarly endeavors that promote the application and creation of knowledge in business practice education.

1.3 *Cultural competence:* We maintain and develop current and responsive curriculum that prepares students for the global business environment through broad exposure to key business disciplines.

1.4 *Physical learning environment:* We strive to provide a physical infrastructure with appropriate technology that provides an environment in which our students and faculty can thrive professionally and intellectually.

2. Community

2.1 *Collegiality:* We encourage transparency in our decision making practice through a process of shared governance based on interactions among faculty, staff, and students.

2.2 *Service:* We pursue collaborative partnerships between our internal and external stakeholders to promote life-long and experiential learning, research, service, and community interaction.

3. Diversity

3.1 We value the oppoortunity to work, learn, and develop in a community that embraces the diversity of individuals and ideas.

4. Integrity

4.1 *Ethics:* We are committed to ethical and responsible behavior in our own actions and to developing the same commitment in our students by promoting the awareness of professional ethical responsibilities.

4.2 *Responsibility:* We commit to being responsible and accountable in our operations at all levels, including assessment and continuous improvement of our academic programs and transparency in our fiscal and operational proceedings.

[2] Limitation on Business Courses Taken by Non-Majors

Students majoring outside of the College of Business may not take more than 30 hours of business courses.

[3] Prerequisites Policy

Credit is not granted toward a degree for any business course taken without the prerequisites required by the College of Business. Students who enroll for courses for which they do not have the prerequisites may be administratively dropped from these courses. Both BBA majors and non-BBA majors are subject to prerequisite requirements. See the course descriptions for details.

[4] Administrative Structure

The College of Business consists of the following administrative units:

Department of Accounting (ACCT)
Department of Economics, Finance, Insurance and Risk Management (EFIRM)
Department of Marketing and Management (MM)
Department of Management Information Systems (MIS)
Small Business Advancement National Center
CBA Technology Services
Graduate Programs in Business

[5] Curricula

[5.1] Bachelor of Business Administration

[5.1.1] Majors

For details on major and minor requirements, please refer to the department listed in parenthesis.

Accounting (ACCT)
General Administration (MIS)
Economics with a concentration in International Trade (EFIRM)
Finance (EFIRM)
Innovation and Entrepreneurship (MM)
Insurance and Risk Management (EFIRM)
Insurance and Risk Management with a concentration in Personal Financial Planning (EFIRM)
Management (MM)
Management with a concentration in Supply Chain Management (MM)
Management Information Systems (MIS)
Marketing (MM)
Marketing with a concentration in Supply Chain Management (MM)

[5.1.2] Minors (not open to business majors)

Accounting (ACCT)
General Business (MIS)
Economics (EFIRM)
Management (MM)
Management Information Systems (MIS)
Marketing (MM)

[5.1.3] Admission Requirements

Students apply to become business majors (BBA majors) when they have met the requirements for admission, usually in their sophomore year. Before being admitted, students are advised as pre-business majors. If students have decided on their intended major during their pre-business term, they may be advised the departments as pre-accounting, pre-finance, pre-economics, pre-insurance, pre-personal financial planning, pre-management, pre-general business administration, pre-marketing, pre-MIS end user/Internet track, pre-MIS programmer/analyst track, pre-MIS spacial systems track, or pre-MIS telecommunications and computer networks track.

BBA-seeking students must

1. Obtain a 2.0 or higher cumulative grade point average, and
2. Complete ACCT 2310, 2311, ECON 2320, 2321, QMTH 2330 with a 2.0 grade point average in these five courses.

Business Education minors, and others, who wish to enroll in courses in the College of Business are not bound by the grade point requirements above but mus complete the prerequisite courses stated in the bulletin. Non-BBA majors may not take more than 30 hours in the College of Business.

[5.1.4] Requirements for the Bachelor of Business Administration

The Bachelor of Business Administration (BBA) degree emphasizes professional development based on a general education background of liberal arts and business courses. Degree requirements are divided into five groups: general education, business foundation, business core, major, and electives.

General education. Complete 47 hours of general education courses. (See the university's general education requirements, listed elsewhere in this bulletin.) Courses in English, history, humanities, culture and language, government, the sciences, mathematics, and health prepare students with basic speaking, readin

writing, and analytical skills as well as the time management and self-discipline skills needed for advanced study.

Business foundation. Complete 30 hours of freshman and sophomore courses in economics, accounting, statistics, and personal computing to prepare for stud in the core functional areas of business and to develop computer skills. ACCT 2310, 2311, 2321; ECON 2310, 2320, 2321; QMTH 2330; MGMT 2301, MIS 2343 and MATH 1395.

Business core. Complete 18 hours of upper-division (3000-4000 level) courses to provide the student with functional business skills. FINA 3330, MIS 3321*, MGMT 3340, MGMT 3344*, MGMT 4347**, and MKTG 3350.

Major. Complete 24 hours of upper-division courses designated by the department administering the major.

Electives. Students must complete the appropriate number of electives to ensure a minimum of 124 credit hours required for graduation. All BBA majors are reminded that graduation requirements include a minimum of 40 hours of upper-division courses.

Notes on the Business Core:
* Accounting majors take ACCT 3320 in place of MIS 3321 and ACCT 4315 in place of MGMT 3344.
** MGMT 4347 should be taken in the student's last semester.

[5.1.5] Other Academic Policies and Requirements

In addition to the courses required to earn the BBA degree, the university and college have established policies on the following: minors and second majors, assessment tests, and grade requirements.

Minors. The BBA degree does not require a minor. BBA degree students cannot minor in any field within the College of Business Administration.

Second majors. By completing the major requirements in a second major beyond the minimum 124 credit hour requirements and prior to earning the first degree, students can complete a second business (BBA) major. If students return after graduation to earn another BBA major, at least 30 semester hours must b taken.

Assessment tests. The university and college reserve the right to require, administer, and apply the results of appropriate assessment tests for the purpose of ensuring the student's basic qualifications to proceed with the desired program of study and/or to earn a degree. Such tests may include, but are not limited to assessments of (1) personal computing skills, (2) economics knowledge, (3) general education achievement (rising junior exam), and (4) major field achievemen

Grades. Candidates for the BBA degree must satisfy the following minimum grade point average requirements:

1. a 2.0 grade point average overall
2. a 2.0 grade point average in all courses used in the foundation and core areas
3. a 2.0 grade point average in all major courses taken as determined by the department

[5.2] Transfer of Credit Policies

In addition to university policies controlling the granting of credit for course work taken at other institutions, the following policies apply to transfer work appli to any undergraduate business program:

Transfer students who are considered for admission to pursue a major in the College of Business must have completed 24 hours of the business foundation courses, which must include ACCT 2310, 2311, ECON 2320, 2321, and QMTH 2330 (or an equivalent course) and have a 2.0 (on a 4.0 scale) cumulative grade point average in the business foundation courses and his or her overall grade point average.

1. A student's records will be evaluated each semester to determine whether he/she should be admitted to a major. After receiving notification that a stude has been admitted into his/her major, the student is expected to arrange for a degree check by his/her College of Business advisor to ascertain remainin requirements.
2. A transferred course cannot carry more degree hours than are available in a similar University of Central Arkansas course. For example, a four-hour principles of accounting course transfers to UCA as three hours.
3. Credit earned at a two-year college cannot be used to meet upper-division requirements in the College of Business.
4. Courses taken at any institution of higher education where the course content is remedial are not acceptable for degree credit.
5. The student should be prepared to submit course descriptions, syllabi, or other course-related information for transfer course work if there is any question as to whether the College of Business will grant degree credit for such work.
6. Exceptions. All requests for variations from the rules, regulations, and requirements of the College of Business should be made in writing to the Associat Dean of the College of Business. Consult the Dean's Office of the College of Business for these requests. A committee will be formed with one representative from each department serving on this Exceptions Committee, which will be chaired by the Associate Dean. A student has the right to appe decisions of the Exceptions Committee to the University Adjustments and Appeals Committee.

[5.3] Bachelor of Science

Major in Economics

[5.4] Bachelor of Arts

Major in Economics

[5.5] Master's Degrees in Business Administration

The university offers a program of study leading to a Master of Business Administration (MBA) degree and an MBA with a specialization in International Business Administration (IMBA). These degrees are designed to serve the needs of qualified students preparing for careers in accounting, business, government, and doctoral study in business administration. Specialization in International Business Administration is especially designed for students preparing for careers in multinational businesses or working in businesses that engage in international commerce. An undergraduate business degree is not an admission requirement for graduate business study. Leveling classes are available for Non-Business majors to provide necessary competencies for success in the MBA program. For mo information, see the *Graduate Bulletin*.

[5.6] Master's Degree in Accountancy

The university offers a program of study leading to a Master of Accountancy (MAcc). The degree is designed to provide a fifth year of accounting education to prepare students for careers in professional accounting. The American Institute of Certified Public Accountants recommends five years of academic study in ord to obtain the professional knowledge for a career in accounting. Most states (including Arkansas and surrounding states) have laws requiring five years of study as a prerequisite to sit for the Certified Public Accountant's examination.

The objective of the Master of Accountancy program is to give students greater breadth and depth of accounting knowledge and if desired, a specialization in taxation. The program requires 30 hours of course work beyond the Bachelor's degree and, with proper scheduling, can be completed in 12 calendar months. A bachelor's degree in accounting or the completion of certain undergraduate courses is required for admission to the program. Admission is also based on an applicant's undergraduate record and on their score on the GMAT or GRE. Outstanding employment opportunities in public accounting, industry, and governmen await graduates of the Master of Accountancy program. For more information, contact the Department of Accounting.

[6] Small Business and Entrepreneurship

The College of Business houses the Small Business Advancement National Center (SBANC), which is devoted to teaching, research, and service in the areas of small business and entrepreneurship. These activities are provided locally, statewide, nationally, and internationally for those interested in small business and entrepreneurship using electronic linkages, newsletters, counseling sessions, and website. The SBANC houses the Small Business Advancement Electronic Resource (www.sbaer.uca.edu), which is both nationally and internationally acclaimed for its information and research dealing with small business and entrepreneurship. The center has links with hundreds of universities and serves as an information and research point for many government agencies around the globe.

[7] International Exchange Programs

Students and faculty in the College of Business have the opportunity to participate in numerous business and cultural exchange programs. The College is a partner in several mobility grants sponsored by the Fund for the Improvement of Post-Secondary Education (FIPSE), US Department of Education. These grants provide travel stipends for students and faculty to cover some of the expenses incurred during the international exchange. One of the FIPSE grants is between t US and four European universities and the other is between the U.S., Mexico, and Canada. Participating Mexican and Canadian universities are: Universidad de Colima (Mexico), Universidad Veracruzana (Mexico), Universidad Baja California Sur (Mexico), St. Francis Xavier (Antigonish, Canada), University of Moncton (Canada), and the University of Prince Edward Island (Canada). The College also has exchange agreements with the following European universities: FUNDESEM Business School (Alicante, Spain), The Haagse Hogeschool University (Netherlands), University of Leon (Spain), University of Mons Hainaut (Belgium), and Fachhochschule Bielefeld (Germany). Recently, a study abroad experience has been established with universities in China.

[8] CBA Technology Services

CBA Technology Services provides support for the instructional, research, and technological needs of the faculty, staff, and students in the College of Business. The office maintains networked computer labs for instructional and student use.

Visit the COB website at www.business.uca.edu to view a listing of other services and facilities that are available in the college.

[9] Co-op Internships

The College of Business Administration is an active participant in the university's Career Services Programs which include career guidance, aptitude testing, individual instruction, seminars and a non-credit and credit co-ops. Co-op internships provide students with the skills, experience, and knowledge that give

them an advantage in the job market. Many co-op students return to their co-op employer for a full-time career-track job. For more information, contact the Office of Cooperative Education (209 Bernard Hall).

To receive academic credit for internships, students must participate in a COB Approved Internship. The College seeks to provide students with a number of competitive specialized disciplinary experiences to reinforce the content and theory of their major field of study. COB approved internships require an ongoing business mentor who is committed to partner with college faculty members in adding realism, practice and guidance to our students' understanding of their professions. Students should contact the COB Internship Director, and the Chair of their major field, for more information. No more than 6 hours of internship credits may be counted toward a BBA major.

[10] Criminal Justice Institute

The University of Central Arkansas, in partnership with the Criminal Justice Institute of the University of Arkansas, offers the following certificates and degree plans: Associate of Applied Science Degree in Crime Scene Investigation, a Technical Certificate in Crime Scene Investigation, a Certificate of Proficiency in Crim Scene Investigation, an Associate of Applied Science Degree in Law Enforcement Administration, a Technical Certificate in Law Enforcement Administration, and Certificate of Proficiency in Law Enforcement Administration. **Students must be sworn law enforcement officers and currently employed by a law enforcement agency to participate in the certificate and degree programs outlined above.**

It is the responsibility of the student to request credit for the Criminal Justice Institute courses and submit the proper documentation prior to, or during, the student's first enrollment at UCA.

Department of Economics, Finance, and Insurance and Risk Management

Chair and Associate Professor: Dr. Rogers, 450-3109
Carmichael Professor: Dr. He
McCastlain Professor: Dr. Casey
Professors: Dr. Bratton, Dr, Campbell, Dr. Horton, Dr. McGarrity
Associate Professors: Dr. Cantrell, Dr. Puleo
Assistant Professors: Dr. Fayman, Dr. Snyder
Instructor: Ms. Maxwell

[1] Objectives

The department provides major programs or concentrations in the areas of economics, finance, international trade, and insurance and risk management. A degree in economics can be taken under a Bachelor of Business Administration, Bachelor of Arts, or Bachelor of Science degree plan. A degree in finance can b taken under the Bachelor of Business Administration degree plan. A degree in insurance and risk management is available under the Bachelor of Business Administration degree plan. A degree in personal financial planning is offered under the Bachelor of Business Administration degree plan. A concentration in international trade is available under either the Bachelor of Business Administration or the Bachelor of Arts degree plan. Each program emphasizes analytical tools and applications that will be useful in a rapidly changing world.

The degree program in finance prepares students for careers in financial institutions and in finance-related occupations in business and government. The degre programs in economics prepare students to enter professional careers as economic analysts in governmental and business organizations.

The concentration (within economics) in international trade prepares students for positive participation in global business and society. If a student desires to undertake graduate study in economics, business, health care administration, public administration, or law, the economics and finance programs provide excellent backgrounds for such study.

The degree in insurance and risk management or personal financial planning will prepare students for management-level careers in insurance, personal financia planning, or as an employee benefits manager, insurance regulator, group insurance representative, agent, broker, risk manager, or safety or loss-control expert.

Economic and financial competence requires a basic knowledge of theories, principles, and techniques of analysis. Added to this basic knowledge should be the historical, institutional, and quantitative approaches within the disciplines. With these tools, supplemented by studies in related fields of mathematics, compute science, accounting, and social sciences, students will be able to formulate approaches to current economic and financial problems as they arise in their person and professional lives.

Exceptional students may be invited by the faculty to pursue recognition as a departmental undergraduate scholar. Students will write a paper under the directi of a faculty member. Successful completion of this program will allow the students to graduate as a departmental undergraduate scholar. Finance and insurance majors will be required to complete FINA 4390 Independent Studies in Finance or INSU 4390 Independent Study in Insurance; economics majors will complete ECON 4390 Independent Study in Economics.

[2] The Carmichael Endowment

The generosity of Dr. Maude Carmichael, through the Carmichael Fund that she established to honor her parents, has made it possible to have unique experiences in economic education. The creation of the Carmichael Professorship is one example of how her endowment has been used to promote education i economics and banking.

Dr. Carmichael (Ph.D., Radcliffe) served as chair of the Economics Department at the University of Central Arkansas from 1931 until her retirement in 1952. Dr. Carmichael's endowment is an extension of her life's work in providing Arkansas students with an understanding of the important economic forces affecting the lives as well as the ability to formulate creative and productive approaches to the economic facets of life.

[3] Baccalaureate Degrees

[3.1] Bachelor of Business Administration

The degree of Bachelor of Business Administration requires successful completion of 120 hours including (1) the general education component, (2) the BBA foundation and core requirements, (3) a major as listed below, and (4) electives to bring total credit hours to 120.

[3.1.1] Major in Economics (24 hours)

Concentration in International Trade. The major consists of eight courses. A student must take: ECON 3301, ECON 3302, ECON 3312, FINA 4380 and FINA 4333, and may choose three courses from the following: any upper division economics course, FINA 3340 and MGMT 3342.

[3.1.2] Major in Finance (24 hours)

The major consists of eight upper-division level classes. There are six required upper-division courses: ACCT 3311, FINA 3340, FINA 3350, FINA 4332, FINA 4333, FINA 4336. A student must take one of the following three classes: QMTH 3325, ECON 3335 or ACCT 3312. The student must also take one of the following four classes: FINA 3323, FINA 3324, FINA 3382, FINA 4331, FINA 4334, FINA 4376, FINA 4390, FINA 4395, INSU 3324, or MGMT 4341.

[3.1.3] Major in Insurance & Risk Management (24 hours)

The major consists of eight upper-division courses including INSU 3324, INSU 3315, INSU 3320, INSU 4315, INSU 4320; FINA 4332 and two of the following: INSU 3330, QMTH 3325, FINA 3350, INSU 4310, or INSU 4340.

[3.1.4] Personal and Financial Planning Track of Major in Insurance & Risk Management (24 hours)

The major consists of eight upper division courses. These are INSU 3324, INSU 3315, INSU 4315, FINA 3350, FINA 4332, ACCT 3316, ACCT 4305 and ACCT 4316.

[3.1.5] Minor in Economics (18 hours)

Not open to BBA students. Students have two options. Option one: ECON 2320, 2321, 3301, 3302 and six hours from upper-division economics courses. Option two: if students take ECON 1310 before they finish both ECON 2320 and 2321, they may take ECON 1310, 2320, 2321, 3301, 3302, and three hours from upper-division economics courses.

[3.1.6] Minor in Actuarial Studies (21 hours)

This is a 21-hour minor which will help prepare students for careers in the actuarial field. Students will complete courses designed to provide the foundation of business and insurance knowledge necessary for entry level economics and finance exams in this field. Students wishing to pursue a career in the actuarial field will also be required to have a strong background in statistical analysis beyond the scope of this minor.

Not open to students earning a BBA degree.

Required courses (18 hours):

ACCT 2310 Principles of Accounting I
ECON 2320 Principles of Macroeconomics
ECON 2321 Principles of Microeconomics
FINA 3330 Managing Finance and Capital
FINA 4336 Advanced Financial Management
INSU 3324 Risk and Insurance

Elective courses (3 hours):

ECON 3335 Econometrics
FINA 4334 Financial Derivatives
or
any 3000 or 4000 level economics, fifnance, or insurance course approved by the advisor

[3.2] Bachelor of Science

The degree of Bachelor of Science, with a major in economics, requires successful completion of 120 hours, including (1) the general education component, (2) the BS degree requirements, (3) the major as listed below, and (4) a minor approved by the student's minor advisor.

[3.2.1] Major in Economics (30 hours)

A student must take the following economics classes: ECON 2320, 2321, 3301, 3302, 3335, and 4380. A student must also take MATH 1591 and MATH 2311. A student must take 12 hours of upper division level economic classes. FINA 3340, 4332 and 4333 can be used to count toward this 12 hour major elective requirement. BS Economics majors may pick a minor within the College of Business. No more than 30 hours of classes may be taken in the College of Business College of Business courses are considered to be courses with the following prefixes: ACCT, FINA, INSU, MGMT, MIS, MKTG, and QMTH. Economics courses are not considered to be College of Business courses for this requirement.

[3.3] Bachelor of Arts

The degree of Bachelor of Arts in economics, with a concentration in International Trade, requires successful completion of 120 hours, including (1) the general education component, (2) the BA degree requirements, (3) the major as listed below, and (4) a minor approved by the student's minor advisor.

[3.3.1] Major in Economics (39 hours)

Concentration in International Trade: A student must take one of the two economic classes offered in the general education program, as well as seven required economics classes and five global electives. A student must take either ECON 1310 or 2310, which will count for three hours in the Behavioral and Social Science component of the General Education requirements. The student must take ECON 2320, 2321, 3302, 4320, 4335, 4375, and 4380. The student must also take five classes from the following list of classes: Any upper division level economics class, GEOG 3300, 3305, 3315, 3320, 3335, 3345, 3346, 3381 or 3385; PSCI 3305, 3315, 3340, 3382, 4305, 4310, 4320, 4325, 4328, 4345, 4348, 4388 or 4395; HIST 3304, 3312, 3321, 4305, 4309, 4328, 4347, 4353, 4377, 4379, 4381, 4382, 4383, 4387, 4388, 4394 or 4397; and from SOC 3398 or 4341. A student may also take other classes approved by his or he advisor to meet this elective requirement. BA Economics majors may pick a minor in the College of Business. No more than 30 hours of classes may be taken the College of Business. College of Business courses for this requirement are considered to be courses with the following prefixes: ACCT, FINA, INSU, MGMT, MI MKTG, and QMTH. Economics courses are not considered to be College of Business courses for this requirement.

[4] Courses In Economics (ECON)

Follow this link for ECON course descriptions: course link.

[5] Courses in Finance (FINA)

Follow this link for FINA course descriptions: course link.

[6] Courses in Insurance & Risk Management (INSU)

Follow this link for INSU course descriptions: course link.

Department of Marketing and Management

Chair and Professor: Dr. Cangelosi, 450-3149
Professors: Dr. Bradley, Dr. Chen, Dr. Gatlin-Watts, Dr. Rubach
Associate Professors: Dr. Kim, Dr. Fisher, Dr. Hargis
Assistant Professors: Dr. Chan, Dr. McCalman, Dr. Myers, Dr. Nadler, Dr. Voss
Instructors: Mr. Bartos, Ms. Carson, Mr. Isanhart
Visiting Assistant Professor: Dr. Robbins

[1] Objectives

The Department of Marketing and Management offers major programs of study designed to prepare students for careers in three key areas of business: marketing, management, and innovation and entrepreneurship. The marketing major provides a background for employment opportunities in promotion, retailing, sales, and marketing management. The management major develops decision-making, organizing, and interaction skills needed at all levels of administration. The new innovation and entrepreneurship major provides creative and practical knowledge and experience needed to become a successful business owner or valued asset in corporate, governmental, and non-profit organizations across a variety of fields.

[2] Departmental Undergraduate Scholars Program

Seniors, with the consent of their advisor and the department chair, having a grade point average of at least 3.25, may participate in a departmental honors program which, when successfully completed, will allow the student to graduate as an undergraduate scholar. The marketing major will be required to complete MKTG 4390 Special Problems in Marketing, and the management major must complete MGMT 4390 Special Problems in Management. In each case the student will complete a research paper based on individual study and written under the direction of a faculty member.

[3] Baccalaureate Degree: Bachelor of Business Administration

[3.1] Management

The degree of Bachelor of Business Administration with a major in management requires successful completion of 120 hours including (1) the general education component; (2) the BBA foundation and core requirements; (3) the major requirements listed below; and (4) electives to bring total credit hours to 120.

[3.1.1] Major in Management (24 hours)

Required (9 hours): MGMT 3346, 4341 and 4348 and;

Electives (9 hours) of upper-division management courses chosen from: MGMT 3300, 3305, 3310, 3315, 3342, 3349, 3350, 3351, 3352, 3365, 3375, 3382, 4315, 4320, 4382, 4390; and (6 hours) chosen from remaining upper-division management courses and/or MKTG 3351, 3372, 4355.

[3.1.2] Supply Chain Management Emphasis (15 hours)

Fifteen hours consisting of MKTG/MGMT 3365, 3375, MGMT 3352, 3344 and 4341

[3.1.3] Minor in Management (21 hours)

Not open to students earning a BBA degree.

MGMT 2341 and 18 hours selected from the following: MGMT 3300, 3305, 3310, 3315, 3342, 3346, 3349, 3350, 3351, 3352, 3365, 3375, 4315, 4320, 4341 4348, 4390 and/or MKTG 2350, 3351, 3372 (only six credit hours of which may be marketing courses).

[3.2] Marketing

The degree of Bachelor of Business Administration with a major in marketing requires successful completion of 120 hours, including (1) the general education component; (2) the BBA foundation and core requirements; (3) the major requirements listed below; and (4) electives to bring total credit hours to 120.

[3.2.1] Major in Marketing (24 hours)

Required (9 hours): MKTG 4353, 4354, 4355, and;

Electives (15 hours) chosen from: MKTG 3351, 3356, 3360, 3365, 3371, 3372, 3373, 3375, 3382, 4320, 4360, 4361, 4362, 4370, 4382, 4390; MGMT 3305, 3310, 3315, 3342, 3346, 3349, 3352.

[3.2.2] Supply Chain Management Emphasis (15 hours)

Fifteen hours consisting of MKTG/MGMT 3365, 3375, MGMT 3352, 3344 and 4341

[3.2.3] Minor in Marketing (21 hours)

Not open to students earning a BBA degree.

MKTG 2350 and 18 hours from the following: MKTG 3351, 3356, 3360, 3365, 3371, 3372, 3373, 3375, 4320, 4360, 4361, 4362, 4370, 4390; MGMT 2341, 3305, 3310, 3315, 3342, 3346, 3349, 3352 (only six credit hours of which may be management courses).

[3.3] Major in Innovation and Entrepreneurship (24 hours)

The degree of Bachelor of Business Administration with a major in Innovation and Entrepreneurship requires successful completion of 120 hours, including (1) the general education component; (2) the BBA foundation and core requirements; (3) the major requirements listed below; and (4) electives to bring total credit hours to 120.

Business Foundation Substitutions (6 hours): MKTG 2376 substituted for MGMT 2301 and ACCT 2376 substituted for ACCT 2321.

Required (18 hours): MKTG 3376, ACCT 3376, FINA 3376, MGMT 3346, MGMT 3349, and MGMT 4376.

Electives (6 hours): consisting of business courses approved by the Innovation and Entrepreneurship program director.

[4] Courses in Management (MGMT)

Follow this link for MGMT course descriptions: course link.

[5] Courses in Marketing (MKTG)

Follow this link for MKTG course descriptions: course link.

Department of Management Information Systems

Chair and Professor: Dr. Griffin, 450-3110
Professor: Dr. McGaughey
Associate Professors: Dr. Downey, Dr. Friedman, Dr. McMurtrey, Dr. Zeltmann
Assistant Professors: Dr. Bartczak, Dr. England, Dr. McKinzie
Instructors: Ms. Barber, Ms. Smith

[1] Objectives

The Department of Management Information Systems (MIS) offers major and minor programs of study in two different areas: MIS and General Business. The MIS major is designed to prepare students for careers in developing and implementing computer-based systems. MIS students learn how to utilize the power of computer technologies to reduce costs and improve organizational effectiveness. MIS graduates use their understanding of business processes and computer technologies to help create and improve computer-based systems which are critical to the success of almost all modern organizations. The General Business major is designed for students who are interested in the varied aspects of business and organizations and wish to sample three or more different areas of study

[2] Management Information Systems Major

The degree program in MIS prepares students for careers in business, government, and not-for-profit organizations as systems analysts, programmers, databa developers, and website managers. Graduates become project managers, database administrators, network managers, and directors of the information systems function within their organizations.

The MIS program, in the College of Business, consists of a single major (MIS), and allows students to choose between three different concentrations, including Application Development, Telecommunications and Computer Networks, or Business Analysis. The three concentrations include an MIS Core of three required courses, with additional courses and electives for advanced study depending on the concentration. This MIS program offers students an unusual breadth of stud (three specialization concentrations) and an unusual depth of study (advanced courses in each area) compared to other MIS programs in Arkansas and the regio

[2.1] Baccalaureate Degree: Bachelor of Business Administration

The degree of Bachelor of Business Administration with a major in Management Information Systems requires successful completion of 120 hours including (1) the general education component (currently 47 hours); (2) the BBA foundation (27 hours) and core requirements (18 hours); (3) the major requirements (24 hours) listed below; and (4) electives to bring total credit hours to 120.

[2.2] Management Information Systems Major (24 hours each)

Students majoring in Management Information Systems must choose one of three concentrations, including Application Development, Telecommunications and Computer Networks, or Business Analysis. Each concentration requires the same three core MIS courses, but different follow-on courses. These are the three required core classes:

MIS 3328 Systems Analysis and Design
MIS 3363 Telecommunications and Computer Networks
MIS 3365 Database Applications

In addition to the three required MIS Core classes, each student will select one of three concentrations (detailed below). These concentrations include an additional five courses (15 hours) each. Each of these concentrations (except GIS in the Application Development Concentration as noted below) allow the stude to select two electives, which must be advanced (3000 level or above) courses in MIS or Statistics (QMTH). The following details the concentrations.

[2.2.1] Application Development Concentration

The Application Development Concentration is designed for MIS majors who wish to prepare for jobs working with software. Graduates from this concentration typically develop and maintain applications and other software, such as databases, web sites, geographical information systems, and other computer-based systems, including corporate computer infrastructures. Graduates frequently work on Information Technology (IT) projects or as IT systems analysts. The Application Development Concentration is comprised of three "sub-concentrations", including Web Development, Programmer/Analyst, and Geographical Information Systems (GIS). The GIS sub-concentration includes courses from the Department of Geography. Each student will self-select one of these sub-concentrations by choosing one of three advanced courses. Requirements for the Application Development Concentration are as follows:

Major in MIS, Application Development Concentration (24 hours)

MIS Core Courses (9 hours, see above)

One programming course, chosen from the following (3 hours):

MIS 3301 COBOL
MIS 3339 Programming in Java
MIS 3362 Visual Basic

Choose any two electives (note that it is only one elective for the GIS sub-concentration) from any advanced (3000 level or higher) MIS or QMTH courses (6 hours; 3 hours for GIS).

Choose one of the three sub-concentrations below (6 hours (9 hours for GIS)).

[2.2.1.1] Web Development sub-concentration (6 hours)

This sub-concentration is designed for MIS majors who wish to prepare for jobs working on corporate and organizational web sites. Graduates develop and maintain Internet-based IT systems for business and non-profit entities in support of organizational goals and requirements. Of particular importance is developing interactive web technologies, including Electronic Commerce (E-commerce) and managing web servers. The following 6 hours are required:

MIS 3366 Web Site Development
MIS 4366 E-Commerce and Advanced Web Site Development

[2.2.1.2] Programmer/Analyst sub-concentration (6 hours)

This sub-concentration is designed for MIS majors who wish to prepare for jobs working as system designers and system builders in a large organization. Graduates from this sub-concentration typically work with non-technical managers and staff along with computer scientists and technicians in designing and building large computer-based systems and corporate computer infrastructures. The following 6 hours are required:

Choose another programming course from the following:

MIS 3301/ MIS 3339/ MIS 3362 (one not chosen from above) OR CSCI 1470 Computer Science I (note: this is not an advanced course so students should be aware that this would not aid in fulfilling the 40 hours of advanced credit required)

MIS 4329 Database Management Systems

[2.2.1.3] Geographical Information Systems (GIS) sub-concentration (9 hours)

This sub-concenration is designed for MIS majors who wish to prepare for jobs working with electronic mapping systems. These systems are used extensively b federal, state, and local government agencies. Utility companies which provide electric power, natural gas, water, sewer, cable, and telephone almost all use these systems. Many other employers are also interested in GIS/Spatial system technologies. Because this sub-concentration requires 9 hours of Geography, it has only one elective. The following nine hours are required:

GEOG 2375 Cartography
GEOG 3303 GIS Systems

Choose one of the following:

GEOG 3307 GIS in Practice
GEOG 4330 GIS Analysis

[2.2.2] Telecommunications and Computer Networking Concentration

The Telecommunications & Computer Networks Concentration is designed for MIS majors who wish to prepare for jobs in the telecommunications industry or as networking specialists. The focus of this concentration is computer networking, hardware, and the telecommunications industry. Graduates will have studied traditional wireline technologies, wireless technologies, and computer networks of various types. Requirements for the Telecommunications Concentration includ the following:

Major in MIS, Telecommunications and Computer Networking Concentration (24 hours)

MIS Core Courses (9 hours, see above)

One programming course, chosen from the following (3 hours):

MIS 3301 COBOL
MIS 3339 Programming in Java
MIS 3362 Visual Basic

Choose any two electives from any advanced (3000 level or higher) MIS or QMTH courses (6 hours).

Take the following (6 hours):

MIS 3300 Introduction to Computer Programming
MIS 4363 Wireline and Wireless Telecommunications

[2.2.3] Business Analysis Concentration

The Business Analysis Concentration is designed for MIS majors who wish to prepare for jobs that pair business requirements and analysis. In many companies, the need is not for developers or hardware/software experts, but on employees who understand technology, can work in teams, and analyze business processe Graduates are prepared to be a link between business managers and the technical staff, and will have experience working on projects in teams. Project management is one of the key components of this concentration. Requirements for the Business Analysis Concentration include the following:

Major in MIS, Business Analysis Concentration (24 hours)

MIS Core Courses (9 hours, see above)

Take the following two courses (6 hours):

MIS 3300 Introduction to Computer Programming
MIS 3350 Project Management

Take one of the following (3 hours):

MIS 3343 Advanced Spreadsheet Applications
MIS 3360 Information Security
QMTH 3325 Data Analysis
QMTH 4341 Quantitative Methods in Management

Choose any two electives from any advanced (3000 level or higher) MIS or QMTH courses (6 hours).

[2.3] Minor in Management Information Systems (21 hours)

Minors in MIS cannot be business majors working on a BBA degree. Accordingly, minors will lack exposure to the business foundation and core which supports primary function of the major. Students who wish to in MIS have the opportunity to focus their efforts in many directions, from developing computer programming and technical competence to a less-technical businss analysis program.

Students must apply to minor in Management Information Systems. Students must hold a minimum overall GPA of 2.25 at the time of applying for a minor in M and earn a C or better in all MIS courses in the minor program of study.

Only one course is required, MIS 3321 Managing Systems and Technology. A student may select the other six courses to complete the minor, choosing any upper division MIS or Statistics (QMTH) course, 3000 level or higher. In addition, the following two lower division courses may be counted as part of the six elective courses: MIS 2343 Desktop Support Technologies and/or CSCI 1480 Computer Science I (this is a four-hour course).

[2.4] Departmental Undergraduate Scholars Program

The MIS department is pleased to offer an opportunity for outstanding students to be named undergraduate scholars in Management Information Systems. Students with senior status and overall and major grade point averages of 2.35 are eligible to apply for participation in this program. Undergraduate scholars in MIS must successfully complete MIS 4390 under the direction of an MIS faculty member. Students who qualify and are interested should apply to the MIS Department Chair. Participation is not assured even if the grade point average thresholds are met.

[3] General Business Major

The General Business major is designed for students who wish a broader business perspective than that provided by a single business department. This is an interdisciplinary business major that requires students take upper-division courses from at least three of the seven business disciplines in the College of Business. Students who major in General Business have a broad knowledge base of the entire business organization, without specializing in one area. Majors are frequently interested in smaller organizations or managing their own business.

[3.1] Baccalaureate Degree: Bachelor of Business Administration

The degree of Bachelor of Business Administration with a major in General Business requires successful completion of 120 hours including (1) the general education component; (2) the BBA foundation and core requirements; (3) the major requirements listed below; and (4) electives to bring the total credit hours to

[3.2] General Business Requirements

The general business major requires eight upper-division courses in at least three different teaching areas in the College of Business, including Accounting (ACCT), Economics (ECON), Finance (FINA), Insurance and Risk Management (INSU), Management Information Systems (MIS), Marketing (MKTG), or Management (MGMT).

[3.3] Minor in Business Administration (24 hours)

Not open to business majors working on a BBA degree. The minor in General Business requires the following courses: ACCT 2310 Principles of Accounting I, ACCT 2311 Principles of Accounting II, ECON 2320 Macroeconomics, ECON 2321 Microeconomics, and 12 hours of electives (additional courses in business). Of these 12 elective hours, at least 6 hours must be upper-division courses (3000 level or higher).

[4] Practical Work Experience for Credit - Internships and Projects

The MIS department offers credit for practical work experience in the discipline. Students may intern with an employer during any semester or across semesters as best fits the needs of the student and the employer. Students may also work with faculty on a project of interest to both the student and the faculty member Internship credit (MIS 3382, 4382) and project credit (MIS 4380) provide upper-division MIS credit to the student and serve as elective hours in the major for a MIS concentrations. See the MIS department chair for more information.

[5] Courses in Management Information Systems (MIS)

Follow this link for MIS course descriptions: course link.

[6] Courses in Quantitative Methods (QMTH)

Follow this link for QMTH course descriptions: course link.

College of Education

Dean and Professor: Dr. Diana Pounder, 450-5401
Assistant Dean and Clinical Instructor II: Ms. Debbie Barnes, 450-5403
Director of Admissions/Licensure: Mr. Ken Vaughn, 450-3131
Coordinator of Field Experience: Dr. Jamie Alea, 450-3131
Coordinator of Internship II: Ms. Sue Farris, 450-3131
Technology Learning Center Coordinator: Ms. Brenda Stewart, 450-5058
Technology Learning Center/Technology Specialist: Mr. Adam Stone 450-3400

[1] Introduction

The College of Education at the University of Central Arkansas, as Arkansas' premier educator preparation college, is dedicated to providing exemplary program for the preparation of professional educators, including teacher preparation, educational leadership, school counseling, library media, instructional technologies higher education student personnel administration, and other related professional fields. With an emphasis on teaching, research, and service, the members of the College of Education, along with their counterparts in supporting programs across campus, demonstrate a commitment to the improvement of educational programs and services by collaboratively working with organizations that have teaching and human development as their mission. The professional education programs in the College prepare professionals who demonstrate the content, pedagogical, and professional knowledge, skills, and dispositions necessary to hel all students learn.

To accomplish this mission the College of Education:

- Provides programs of study at both the undergraduate and graduate levels based on empirically-supported pedagogical and clinical practices.
- Prepares educators to effectively teach and enhance learning conditions and outcomes for diverse learners.
- Promotes a commitment to understanding and working effectively with children and adults in geographically and culturally diverse settings.
- Employs a faculty who demonstrate excellence in teaching, scholarship, and service.
- Establishes a professional environment conducive to both student and faculty growth and development.
- Supports faculty to establish prominence and visibility through state and national professional contributions and to maintain UCA's prominence as the premier educator preparation institution in Arkansas.
- Maintains and supports resources such as the Technology Learning Center, the Child Study Center, partner schools, multimedia classrooms, and outreac programs such as the Mashburn Center, the Leadership Institute, and 'We the People' program.

To help achieve this mission, the college is committed to working collaboratively with elementary and secondary schools, post-secondary institutions, state agencies, and other public and private groups to address educational issues. Faculty members are actively involved with organizations at the state, regional, and national levels, with schools, and with human service agencies.

Faculty members involved in the preparation of professional educators, as well as professional education candidates, public school representatives, and member of the community share a vision for the Professional Education Unit (PEU) at the University of Central Arkansas. This vision is to enhance educator's efficacy through reflective decision-making. The PEU defines reflective decision-makers as those who think systematically about their practice, engage in thoughtful assessment of their effectiveness, and attempt to understand the consequences of their actions while contemplating alternative possibilities.

The university's teacher preparation programs are accredited by the National Council for Accreditation of Teacher Education (NCATE) and approved by the Arkansas Department of Education. Graduates of UCA's teacher education programs typically perform well on examinations of professional preparation. In Arkansas, the Department of Education provides the Praxis II pass rates for all teacher preparation units in the state to the U.S. Secretary of Education as mandated by the Higher Education Amendments of 1998. The pass rate for each academic year since 1999-2000 is published as part of the Title II Teacher Education Report Card. The pass rate is available to the public and may be accessed online at http://www2.uca.edu/panda/reports/title2.

The college is housed on campus in Mashburn Hall, and the Child Study Center is adjacent to the university campus. The college comprises three academic departments: Early Childhood and Special Education, Leadership Studies, and Teaching and Learning. The Office of Candidate Services and Field Experiences coordinates teacher education admissions, early field experiences, internships and licensure. The Technology Learning Center serves faculty, candidates, and th community with technology labs and with a media resource center for the design and development of instructional materials.

[2] College of Education and Professional Education Unit (PEU)

The Professional Education Unit (PEU) is the umbrella organization under which teaching faculty, academic administrators, and practicing professionals come together to collaborate on the design, delivery, approval, and accreditation of all education programs. The faculty number approximately 90 full-time and part-time, and the administrators represent over thirteen different instructional departments in five colleges. The Dean of the College of Education leads the PEU and provides university-wide coordination for all education programs, working in partnership with the other deans of the university.

Within the Professional Education Unit, the following functions are centralized in the College of Education in support of all teacher education programs at UCA:

- Formal admission to Teacher Education – Office of Candidate Services and Field Experience
- Admission to Internship – Office of Candidate Services and Field Experience
- Recommendations for Licensure – Office of Candidate Services and Field Experience
- Coordination for Program Accreditation – Dean of the College of Education
- Coordination of the PEU and Program Coordinators – Dean of the College of Education
- Oversight of the Professional Education Council (PEC) (the college-level policy and curriculum committee for all education programs at UCA) – Dean of th College of Education

Within the PEU, most of the responsibilities for designing, implementing, and administering individual degree programs in teacher education are decentralized and assigned to different colleges and academic departments. Each program has a UCA faculty member who serves as the program coordinator in the department responsible for that program. Degree programs within the College of Education and the Professional Education Unit are listed below:

[2.1] College of Education and Professional Education Programs

Undergraduate Programs

- Early Childhood Education (Preschool – 4th Grade), BSE
  - Preschool – 4th Grade Special Education Option
- Middle Level Education (4th – 8th Grade), BSE
  - Language Arts/Social Studies
  - Mathematics/Science
- Secondary Education (7th – 12th Grade)
  - English, BA with Licensure
  - Family & Consumer Science, BSE
  - Mathematics, BSE
  - Science: Life/Earth or Physical/Eartgm BSE
  - Social Studies, BSE
- Elementary/Secondary Education Programs (Preschool – 12th Grade)
  - Art, BA with Licensure
  - Foreign Language: French & Spanish, BA with Licensure
  - Kinesiology/Physical Education/Health, BSE
  - Music: Instrumental/Vocal, BM with Licensure

Graduate Programs (See Graduate Bulletin for more details)

- Graduate Program Initial Licensure
  - Master of Arts in Teaching – post-baccalaureate teacher preparation program
- Graduate Programs (Masters Degrees and Licensure Endorsement/Certificate)
  - Advanced Studies in Teacher Leadership
  - College Student Personnel Services and Administration
  - Gifted (Licensure Endorsement/Certificate)
  - Instructional Facilitator (Licensure Endorsement/Certificate)
  - Library, Media & Information Technologies
  - Reading
  - School Counseling
  - School Leadership, Management & Administration (Degree and Licensure Endorsement/Certificate)
  - School Psychology
  - Special Education (Degree and Licensure Endorsement/Certificate)
- Graduate Program (Specialists Degree)
  - Educational Leadership
- Graduate Programs (Doctoral Degree)
  - Leadership Studies
  - School Psychology

[3] Teacher Education Program: Admission, Exit, and Retention Requirements

The state of Arkansas requires all applicants for a teacher's license to be finger-printed and to undergo a successful background check from the FBI, Arkansas State Police, and the Arkansas Child Maltreatment Registry within one year of making application for a teaching license. Questions about this procedure and/or its impact upon a candidate's personal situation should be directed to the Director of Admissions and Licensure. If evidence becomes known that would render the candidate ineligible to receive a teaching license in the state of Arkansas, then this information may become grounds to refuse admission to or retention in the teacher education program.

Programs in the College of Education that lead to licensure relating to P-12 schools require a passing score on the appropriate Praxis exam(s) and satisfactory completion of all key assessments identified by the individual program area. Candidates cannot complete their program unless both of these criteria have been met. Individual programs may have additional entrance and exit requirements.

[3.1] Admission and Exit Requirements

Admission to teacher education is required for all candidates expecting to complete a teacher education program leading to initial licensure in any teaching fiel Level I admission is required for enrollment in designated upper division professional education courses.

[3.1.1] Level I Admission

Candidates seeking admission into Level I of the teacher education program will initiate the process for admission in the Office of Candidate Services and Field Experience upon completion of minimum requirements mandated by the Arkansas Department of Eduction and the University of Central Arkansas. Full admissio will not be granted to candidates enrolled in prerequisite courses until those courses are successfully completed. Level I admission is required for enrollment in designated upper division professional education courses.

during the semester candidates seek Level I admission, they will submit the Admission Affidavit (item A below) to the Office of Candidate Services and Field Experience where an active file on each candidate initiating the process of admission will be maintained. The Office of Candidate Services and Field Experience will verify items B-F below, and place the appropriate data on each candidate into the College of Education candidate database. Level I applicants are also responsible for securing faculty recommendations (item G below) and successful completion of an entrance interview (item H below).

The following minimum requirements must be met for admission to the teacher education program. Individual programs may have further requirements for admission.

A	Submission of an Admission Affidavit stating that the candidate has never been convicted of any crime that would prevent the issuance of a teaching license (Act 1313 of 1997 and Act 752 of 2001). This form must be submitted in person to the Office of Candidate Services and Field Experience (Mashburn 119) during the semester the candidate is seeking admission into the teacher education program.Effective 1-19-2011, candidates applying for admission must have an approved background check. Effective 8-1-2011, candidates placed in an early field experience must have an approved background check. Information regarding acceptable background checks is available in the Office of Candidate Services and Field Experience, Mashburn 119.
B	Submission of Internship Waiver. This form was completed in EDUC 1300 (or upon arrival for transfer students); however, candidates seeking admission will want to verify that their signed form is on file.
C	A cumulative 2.5 GPA on all coursework attempted. Prior to full admission, transfer students with no previous coursework at UCA must also establish a 2.5 GPA in a minimum of twelve semester hours completed at UCA.
D	Courses in written communications (WRTG 1310 and 1320), oral communications (SPCH 1300), mathematics (MATH 1360 or above), and Education as a Profession (EDUC 1300), must be completed with no grade less than a C. Some majors require College Algebra (MATH 1390) for admission. Additionally, candidates must pass the Educational Technology Competency Exam OR complete Basic Educational Technology Skills (EDUC 1240) with a C grade or better. Majors in P-4 education must also complete Foundations of Early Childhood Education (ECSE 300) with at least a C grade.
E	Completion of the Praxis I Pre-Professional Skills Test (PPST) according to current UCA established minimum scores: PPST Reading 172; PPST Math 171; PPST Writing 174. Candidates are advised to take the Praxis I during the freshman year. Admission to the program will be delayed until minimum scores on each section are achieved. The UCA Writing Center offers one on one Praxis I training for the reading and writing portions of the exam.

	They also have online resources available in the College of Education section.
F	Successful completion of forty-five semester hours.

The Office of Candidate Services and Field Experience will observe the following deadlines for the application process. Candidates are encouraged to submit all requirements for admission prior to the established deadlines.

October 1	Final date for interview registration for candidates seeking admission for the following spring semester.
November 1	Final date for completion of admission requirements for candidates seeking full admission the following spring semester.
March 1	Final date interview registration or candidates seeking admission for the following summer or fall semester.
April 1	Final date for completion of admission requirements for candidates seeking full admission the following summer or fall semester.
*July 1	Final date for interview registration for candidates seeking admission for the following fall semester.
*August 1	Final date for completion of admission requirements for candidates seeking full admission the following fall semester.

*Summer interviews are offered at the discretion of the academic department.

[3.1.2] Level II Admission

Level II of the teacher education program consists of a one-semester full-time placement (Internship II) in an accredited and approved public school setting. During this time the candidate will be placed with a mentor teacher who is fully licensed in the candidate's major area of study. Candidates will be admitted int Level II of the teacher education program upon successful completion of the following:

- Minimum cumulative and major GPA of 2.5
- Acceptable scores on the summative evaluation of the Level I performance standards based upon the Teacher Performance Outcomes Assessment (TPOA) and supported by the professional portfolio and field assessments
- Recommendation of major area faculty
- Submission of scores on the Praxis II subject area exam(s)
- Completion of all major and professional education requirements with a grade of C or better

[3.1.3] Level II Exit Requirements

- Minimum cumulative and major GPA of 2.5
- Acceptable scores on the summative evaluation of the Level II performance standards based upon the Teacher Performance Outcomes Assessment (TPOA and supported by the professional portfolio
- Submission of scores on the Praxis II Principles of Learning and Teaching or subject-specific pedagogy exam
- Completion of Internship II with a grade of C or better
- Successful completion of the Praxis II subject area exam(s)
- Successful completion of all Key Assessments

[3.1.4] Program Exit Requirements

- Baccalaureate degree
- Minimum cumulative and major GPA of 2.5
- Successful completion of the Praxis II Principles of Learning and Teaching or subject-specific pedagogy exam

[3.2] Retention in Teacher Education

Following acceptance to a teacher preparation program, a candidate's good standing will be reviewed before admission to Level II and upon completion of Level and possibly revoked by program faculty if

1. The candidate fails to exhibit responsible and professional behavior in all classes, field experiences, and interactions with peers and faculty, as judged by the program faculty, mentor teachers, and other school personnel.
2. The candidate violates the student code of conduct or criminal law.

3. The candidate earns a grade less than C in any required lower or upper division course in the candidate's program.
4. The candidate's UCA GPA falls below 2.5.
5. The candidate fails to meet the required course or program prerequisites, especially for field-based teaching methods courses and internships.
6. The candidate's knowledge, skills, and dispositions are judged by two or more faculty instructors and/or mentor teachers to be unsatisfactory.
7. The candidate does not complete an internship satisfactorily.

A formal review by the program faculty will occur before a candidate will be allowed to enroll in internships. The outcomes of this review will determine whethe the candidate will be permitted to continue in the teacher preparation program. The review may result in a remediation plan rather than dismissal. Decisions to remove a candidate from the teacher education program will be made by the program faculty and forwarded by the Program Coordinator to the Department Chair, the appropriate representative in Candidate Services and Field Experience, and the Assistant Dean in the College of Education.

[3.2.1] Retention in Field Experiences/Internship

A candidate may be removed from a field experience when any of the following occurs:

1. The appropriate school authority states that the teacher education candidate's presence in the classroom is not in the best interest of the public school's students and/or requests that the teacher preparation candidate be removed.
2. The joint decision of the appropriate Program Coordinator and Department Chair in consultation with the appropriate representative in Candidate Service and Field Experience, Mentor Teacher, and University Supervisor states that the circumstances are such as to prevent the development and/or maintenan of a satisfactory learning environment.
3. The candidate exhibits unprofessional/unethical behavior.
4. A decision has been reached that the teacher education candidate cannot receive a satisfactory grade in a field experience course.

[3.2.2] Placement Decisions

Academic program areas and the appropriate representative in Candidate Services and Field Experience will determine field placements (including Internship I an II). Exceptions to the placement policy will not be made.

[3.2.3] Appeals of Admission, Retention, and Placement Decisions

If the candidate so desires, he/she may submit a formal appeal of an admission, retention, or placement decision related to these policies. The candidate must first request exception to the policy in writing to the program coordinator and department chair. An appeal must be based on exceptional and extenuating circumstances and other pertinent information not previously available or considered. Should the request be granted, the program coordinator and department chair will send written notification of the exception with their signatures to the Office of Candidate Services and Field Experience. If the candidate is not satisfie with the decision of the program coordinator/department chair, he/she may appeal to the next level. This second level formal appeal must be submitted in writing to the Dean of the College of Education (COE) within **five** business days of being notified of the departmental appeal decision. The COE Dean will transm the appeal to the Standard 1 Standing Committee. If the candidate is not satisfied with the decision of the committee, he/she may make formal appeal to the CO Dean in writing within **five** business days of the committee's decision. If unsatisfied with the Dean's decision, the candidate may appeal to the Provost in writing within **five** business days of the Dean's decision.

All appeals concerning Internship II policies should be submitted by October 15 for spring Internship II and by February 15 for fall Internship II.

[4] Courses in Education (EDUC)

Follow this link for EDUC course descriptions: course link.

Department of Early Childhood and Special Education

Chair and Associate Professor: Dr. Atkins, 450-3172
Professors: Dr. Cooper
Associate Professors: Dr. Feng, Dr. Filer, Dr. Kohler-Evans
Assistant Professors: Dr. Barnes, Dr. Crow, Dr. Oslick, Dr. Pearson
Clinical Instructor II: Ms. Barnes, Mr. Barrington, Ms. Herrington
Clinical Instructor I: Ms. Cain, Ms. Dallas, Ms. Greenland
Child Study Center Instructors: Ms. Payne, Ms. Rowell, Ms. Storment

[1] Departmental Purposes

The primary purposes of the department are to (a) prepare novice teachers with entry-level skills that will allow them to develop into competent professionals, (b) prepare experienced professionals with the knowledge and skills that will allow them to assume leadership roles in schools and other agencies and organizations whose principal functions relate to P-12 schooling, (c) provide service to agencies and organizations that interface with P-12 schools and the preparation of teachers and other educators, and (d) advance the knowledge and practice of teaching and schooling through scholarly and creative activities.

All programs are accredited by the National Council for the Accreditation of Teacher Education.

[2] The Honors Program

To earn an honors degree, the following conditions must be met:

1. Consent of the chair of the department
2. 3.00 grade point average on all work attempted
3. Successful completion of ECSE 2303

[3] Baccalaureate Degree: Bachelor of Science in Education

The department offers the Bachelor of Science in Education (BSE) degree with a major in Early Childhood Education (P-4). The performance based undergraduate program in early childhood education is designed to prepare candidates for positions as teachers in grades P-4. Upon completion of the program, candidates ar expected to (a) understand and apply knowledge related to the social, historical, and philosophical foundations of early childhood education; (b) know the way young children learn and develop; (c) understand language acquisition, cultural influences on learning, exceptionalities, diverse student populations, inclusion and equity in classrooms and schools; (d) integrate technology into instruction and learning; (e) use research and developmentally appropriate practices in their teaching; and (f) know the roles and responsibilities of the profession of teaching.

[3.1] Major in Early Childhood Education, P-4 (126 hours + EDUC 1240 if needed)

Follow this link for Admission to Teacher Education/Retention/Licensure information.

General education. 47 semester hours. Requires the completion of the general education component (see General Education Program in this bulletin). GEOG 1305, HIST 2301 or 2302, MATH 1390, PHYS 1400, and PSCI 1330 should be selected because these courses fulfill both general education requirements and program requirements.

Professional education. 59 semester hours: ECSE 3300, 3301, 4307, 4309, 4311, 4315, 4316, 4318, 4319, 4320, 4330, 4331, 4603, 4604; EDUC 1240 (or technology competency exam), 1300, 3309, 3320, 4210. EDUC 1240 (or technology competency exam) and 1300 and ECSE 3300 must be completed prior to admission to the teacher education program.

Academic Content requirements. 22 semester hours. ART 4260, ENGL 3310, HIST 3310, KPED 3220, MATH 3351 and 4310, MUS 3251, SCI 4410. In addition, MATH 1390 and PHYS 1400 must be taken if not completed as part of the general education requirements.

Related requirements. GEOG 1305, HIST 2301 or 2302, PSCI 1330.

Special Education Block. P-4 teacher education candidates can select to extend their preparation to include the area of special education. The optional program an additional 12 hour semester including ECSE 4321, 4322, 4323, 4324.

Delivery of courses. With the exception of the general education courses, ECSE 3300, ECSE 3301, EDUC 1240, EDUC 1300, and EDUC 3309, MATH 3351, MATH 4310, and HIST 3310, all requirements must be completed after admission to the teacher education program. Several courses are scheduled to form blocks, an these courses must be taken simultaneously. Ideally the specialized academic content courses must be taken prior to entry into Junior Block. **Junior Block:** ECSI 4307, 4309, 4311, 4315, 4330, and EDUC 4210 must be taken during the same semester, with field experiences on Tuesday, 8:00-2:00. All Junior Block

courses and requirements must be successfully completed before entering Internship I**. Internship I**: ECSE 4316, 4318, 4319, 4322, and 4324 must be taken during the same semester, with field experiences on Tuesdays from 8:00-4:00 and Thursdays from 8:00-12:00. All program courses (i.e. General Education, Professional Education, Academic Content, Internship I courses and requirements, and related courses) and the Praxis II Content Exam must be successfully completed before entering Internship II. **Internship II**: ECSE 4603, 4604, with daily field experiences, 8:00-4:00. **Special Education Optional Block:** ECSE 4321, 4322, 4323, and 4324 must be taken during the same semester with field experiences on Monday, Wednesday, and Fridays. All Junior Block classes and requirements, and when appropriate Internship I classes and requirements, must be successfully completed before entering Special Education Block.

[4] Courses in Education (EDUC)

Follow this link to descriptions for EDUC courses: course link.

[5] Courses in Early Childhood Education (ECSE)

Follow this link for ECSE course descriptions: course link.

[6] Associate of Arts in Teaching (AAT) Degree Alignment with Early Childhood Education (P-4) Degree Plan

Follow this link for AAT/P-4 program alignment:

http://www.uca.edu/ecse/p4degreeplan.php

Department of Teaching and Learning

Associate Professor and Chair: Dr. Benson, 852-2963
Professors: Dr. Gallavan, Dr. Phelps
Associate Professor: Dr. Daniels, Dr. Whittingham, Dr. Wiedmaier
Assistant Professors: Dr. Bunn, Dr. Cotabish, Dr. Hebert, Mr. Vaughn, Dr. Wake
Clinical Instructor II: Ms, Cawein, Ms. Linn
Clinical Instructors: Ms. Fisher, Ms. Friga, Ms. Hogan, Mr. Ward

[1] Departmental Purposes

The primary purposes of the department are to (a) prepare novice teachers with entry-level skills that will allow them to develop into competent professionals and reflective decision makers, (b) prepare experienced professionals with the knowledge and skills that will allow them to assume leadership roles in schools and other agencies and organizations whose principal functions relate to P-12 schooling, (c) provide service to agencies and organizations that interface with P-12 schools and the preparation of teachers and other educators, and (d) advance the knowledge and practice of teaching and schooling through scholarly and creative activities.

[2] Curricula

Programs within the Department of Teaching and Learning include middle-level education and specific courses for secondary education licensure. The department offers the Bachelor of Science in Education (BSE) degree in Middle Level Education (4-8).

Candidates interested in teaching at the 7-12 level should contact specific program coordinators whose telephone numbers are listed under Secondary Educatio on UCA's home page. Teacher education degrees at the secondary level are offered in Art Education, English Education, Family and Consumer Science Education Health/Kinesiology & Physical Education, French Education, Math Education, Music Education, Science Education, Spanish Education, and Social Studies Education

[2.1] The Honors Program

To earn an honors degree, the following conditions must be met:

1. Consent of the chair of the department
2. 3.00 grade point average on all work attempted
3. Successful completion of a special problems course

[2.2] Bachelor of Science in Education

[2.2.2] Middle-Level Education, Grades 4-8

The undergraduate program in middle level education is designed to prepare teachers to work effectively in middle-level grades. Program goals include (a) delivering a program that models middle-school philosophy through the use of flexible scheduling, teaming, and interdisciplinary teaching; (b) preparing middle-grades teachers who can design and deliver developmentally responsive curriculum based on theory, research, and reflective decision making; (c) providing experiences that enhance candidates' ability to "think like a teacher" (e.g., case discussions, problem-based learning, field experiences, reflective journals); (d) providing candidates extensive field-based experiences in school and community sites; and (e) preparing middle-level educators who are competent, caring, and qualified.

Candidates interested in pursuing a major in middle-level education must choose one of the following tracks: Language Arts/Social Studies or Mathematics/Natural Sciences. Candidates who successfully complete one of these tracks and meet requirements established by the state of Arkansas will be eligible to seek an initial teacher's license through the Arkansas Department of Education.

Delivery of courses (both tracks): With the exception of EDUC 1300, 1240, and 3309, MSIT 3310, 3220, and 4325, all professional education requirements mus be completed after admission to the teacher education program. Also, several of the content courses in the Language Arts/Social Studies track and Mathematics/Natural Sciences track must be taken after admission to the teacher education program. Several professional education and content courses are scheduled to form blocks, and these courses must be taken together. Consult with the program coordinator for details.

Due to the nature of middle level licensure in Arkansas, a grade of C or higher is required for all coursework included in the Mathematics/Natural Sciences Trac and the Language Arts/Social Studies Track.

Mathematics/Natural Sciences Track

General Education: Requires completion of the general education component which includes WRTG 1310, 1320, HED/KPED 1320, and SPCH 1300. In addition, t following courses should be selected from those categories that provide options because these courses fulfill both general education and program requirement

ART 2300, MUS 2300, or THEA 2300; BIOL 1400; ENGL 2305 or 2306; 2370 or 2380; GEOG 1305; HIST 1310, 1320, 2301, 2302; PHYS 1400; PSCI 1330; MATH 1390.

Related requirement: ENGL 3335, HIST 4355, WRTG 3340.

Concentration in Mathematics and Natural Sciences (47 hours including 11 hours taken as part of general education): In addition to the courses specified for general education, the following courses are required: CHEM 1400; MATH 3351, 3354, 3364, 4320, 4335; SCI 3410, 3420, 4420; MATH/SCI 4414.

Professional Education: EDUC 1300, 1240 or Competency Test, 3309, 3321, 4210; MSIT 3310, 3220, 4305, 4320, 4325, 4411, 4612, 4613.

Language Arts/Social Studies Track

General education: Requires completion of the general education component which includes WRTG 1310, 1320; HED/KPED 1320, and SPCH 1300. In addition, the following courses should be selected from those categories that provide options because these courses fulfill both general education requirements and program requirements: ART 2300, MUS 2300, or THEA 2300; BIOL 1400; ECON 1310; ENGL 2305 or 2306; 2370 or 2380; HIST 1310, 1320, 2301; MATH 1390 PHYS 1400; PSCI 1330.

Related requirement: Math 3351 and 3364.

Concentration in Language Arts/Social Studies: In addition to the courses specified for general education, the following courses are required: ENGL 2312 or 2313, 3320, 3335, and an upper division literature elective (see options below); GEOG 1305; HIST 2302, 2320, 4355; MATH 4335; SCI 3430, WRTG 3340.

Upper division literature electives:

ENGL 3371, 3372, 4343, 4344, 4372, 4373, 4374, 4375, 4301, 4305, 4311, 4312, 4313, 4320, 4321, 4342, 4352, 4353, 4330, 4331, 4340 or 4341.

Professional Education: EDUC 1300, 1240 or Competency Test, 3309, 3321, 4210; MSIT 3310, 3220, 4305, 4310, 4320, 4325, 4411, 4612, 4613.

Middle Level Algebra I Endorsement

The Algebra I Endorsement for grade 8 requires a program of study consisting of fifteen (15) hours of mathematics (excluding the six (6) semester hours that has traditionally been identified for elementary and early childhood teachers). In addition to the program of study, successful completion of the Praxis II: Middle School Mathematics exam is also required. Specific information regarding the appropriate license to which this endorsement may be added and the course of study required is available from the Office of Candidate Services and Field Experience, Licensure Office (Mashburn 119 or 501-450-3131).

Grades 5-6 Endorsement

Teachers licensed in P-4 Early Childhood Education or in 7-12 Math, English, Social Studies or Science, may add an endorsement that allows them to teach grades 5-6. The program of study consists of nine (9) graduate hours. A specific Praxis II exam is required to be recommended for this endorsement. Specific information regarding the course of study and the requisite Praxis II examination required is available from the Office of Candidate Services and Field Experienc Licensure Office (Mashburn 119 or 501-450-3131).

[2.2.2] Secondary Education

See the education major in the appropriate college and department for full program descriptions. Departments have developed plans of study and have made them available on-line: program completion plans.

[2.3] Graduate Programs

Two graduate programs are offered in the Department of Teaching and Learning. See the *Graduate Bulletin* or UCA home page for Advanced Studies in Teachin and Learning and the Master of Arts in Teaching.

[3] Courses in Business/Marketing Technology Education (BMTE)

Note: Effective with the fall semester 2003, the prefix BMTE replaced BMED.

Follow this link to BMTE course descriptions: course link.

[4] Courses in Education (EDUC)

Follow this link to EDUC course descriptions: course link.

[5] Courses in Middle/Secondary Education (MSIT)

Follow this link to MSIT course descriptions: course link.

[6a] Associate of Arts in Teaching (AAT) Degree Alignment with Middle Level Language Arts/Social Studies (LA/SS) Degree Plan

Click here to follow the link for the AAT/Middle Level LA/SS program alignment:

[6b] Associate of Arts in Teaching (AAT) Degree Alignment with Middle Level Mathematics/Science (M/S) Degree Plan

Click here to follow the link for the AAT/Middle Level M/S program alignment

College of Fine Arts and Communication

Dean and Professor: Dr. Rollin R. Potter, 450-3293
Interim Associate Dean and Professor: Dr. Gayle Seymour, 450-3293

[1] Mission

The College of Fine Arts and Communication offers undergraduate and graduate programs of exceptional quality in selected disciplines. The College's primary mission is the preparation of the next generation of artists, educators, communicators, and scholars not only to participate in their various disciplines, but to provide leadership in their fields. The College is comprised of the Departments of Art, Mass Communication and Theatre, Music, and Writing and Speech, as we as the Reynolds Performance Hall. The many disciplines within the College share a dedication to both rigorous studio practice and scholarly achievement. Through its communication venues such as broadcasts, conferences, exhibits, live performances, publications, readings, recitals, and screenings, the College shares its artistic achievements and communication expertise with the general public.

To accomplish its mission over time and under changing conditions, the College

1. Creates a community that is dedicated to the artistic, communicative, and personal development of the individual student;
2. Delivers curricula that offer the best of past knowledge and a broad array of current theory;
3. Nurtures a quality faculty that demonstrates excellence in both the classroom and in creative/scholarly pursuits;
4. Provides optimal venues, facilities, and resources to support a dynamic learning environment;
5. Extends its teaching mission through public performances and exhibits, publications and programs, and education initiatives that serve both students an the general public.

[2] Departments

Art
Communication
Mass Communication and Theatre
Music
Writing

[3] Programs with Departmental Honors

Art
Music
Speech

[4] Degree Programs

[4.1] Bachelor of Arts

Art (emphasis in fine arts, art education, or art history)
Communication
Creative Writing
Digital Filmmaking
Journalism (emphasis in print journalism, broadcast journalism, online journalism, or mass communication research)
Linguistics
Music
Public Relations
Theatre
Writing (general writing or professional writing tracks)

[4.2] Bachelor of Fine Arts

Studio Art (emphasis in ceramics, graphic design, painting, photography, printmaking, or sculpture)

[4.3] Bachelor of Music

Composition

Performance (emphasis in vocal, instrumental, or keyboard)
Music Education (emphasis in choral or instrumental)

[4.4] Bachelor of Science

Communication
Digital Filmmaking
Journalism (emphasis in print journalism, broadcast journalism, online journalism, or mass communication research)
Public Relations
Theatre

[4.5] Minors

Art
Art History
Creative Writing
Digital Filmmaking
General Writing
Journalism
Linguistics
Music
Professional Writing
Public Relations
Theatre

[4.6] Master of Fine Arts

Creative Writing
Digital Filmmaking

[4.7] Master of Music

For information about the MFA and MM programs, see the *Graduate Bulletin* and the Department of Mass Communication (for the MFA) or the Department of Music (for the MM).

[4.8] Graduate Certificate

Music

Department of Art

Chair and Associate Professor: Dr. Young, 450-3113
Professors: Mr. Bowman, Dr. Burchett, Mr. Massey, Dr. Seymour
Associate Professors: Dr. Kuster, Ms. Pinckley, Ms. Smith
Assistant Professors: Ms. Dyer, Ms. Laws, Ms. Luckett, Dr. Morales, Mr. Ogar, Ms. Rospert
Gallery Director/Lecturer: Ms. McConnell
Studio Technician: Mr. Burton
Visual Resource Librarian: Ms. Bennett
Department Secretary: Ms. Clark

[1] Mission

The Department of Art views educational achievement as both an individual and collective responsibility. Offering a variety of undergraduate programs in art, th department directs the educational progress of students toward quality research, creative practice, and public service.

Art uniquely transforms those who create and those who respond. The department uses the transformative value of art to connect members of the community, enhancing and enriching lives, and making us more conscious of ourselves and others in the world.

To accomplish its mission, the Department of Art has established the following goals:

- To challenge students with an intensive curriculum characterized by individualized instruction.
- To reward faculty who demonstrate excellence in teaching, scholarly and creative endeavors, and community service.
- To maintain facilities and resources that foster opportunities to experience the creation, exhibition, and study of the visual arts.
- To provide opportunities for community involvement in the visual arts and to broaden public awareness to the visual arts.

[2] Departmental Advancement Requirements

Advancement to an art degree program in studio art, fine art, or art education is contingent upon the recommendation of the art faculty on completion of the Sophomore Major Advancement Interview (SMAI), after which a program of study is designed with an art faculty advisor. A copy of the SMAI guidelines is available in the Art Office or on the departmental web site under Downloads. Students pursuing the BA in Art with an art history emphasis should see section 3.3 below.

For transfer students, a minimum of 15 semester hours in art must be taken at the university, including 12 hours of 3000/4000 level courses. The department accepts courses taken at other accredited institutions; however, courses transferred do not necessarily satisfy the specific requirements of the department. In order to receive transfer course credit, transfer students must present a portfolio for faculty review.

Students pursuing the BFA in Studio Art or the BA in Art with emphasis in fine art or art education are required to participate in a comprehensive review and an exhibit during the senior year.

[3] Baccalaureate Degrees

Two degrees are offered: (1) the BA in Art with an emphasis in fine art, art history, or art education; and (2) the BFA in Studio Art with an emphasis in ceramics graphic design, painting, photography, printmaking, or sculpture.

[3.1] Core Curriculum

Students pursuing the BFA in Studio Art or the BA in Art with emphases in fine art or art education must complete the following 35 hours:

Core (18 hours)

ART 1310 Design I
ART 1321 Drawing I
ART 2312 Design II
ART 2322 Drawing II

6 hours from:

ART 2325 Asian Art Survey
ART 2335 Art History, Ancient
ART 2336 Art History, Renaissance to Modern

Note: Students pursuing the BFA degree are required to take ART 2335 and ART 2336.

Area Studies (17 hours)

ART 3324 Advanced Life Drawing; 3 hours 3000-level art history; 3 hours from Category A; 3 hours from Category B; 3 hours from category A or B or ART 330 Introduction to Art Education; and ART 2140 Portfolio I and 3140 Portfolio II. BFA students and BA art education emphasis students must complete Sculpture I o Ceramics I in category A.

Category A:

ART 3361 Sculpture I
ART 3379 Ceramics I
ART 3350 Fibers
ART 3315 Contemporary Media in 3-D

Category B:

ART 3318 Photography I
ART 3330 Illustration I
ART 3332 Painting I
ART 3334 Watercolor I
ART 3353 Graphic Design I
ART 3343 Printmaking I

[3.2] Bachelor of Fine Arts

The degree of Bachelor of Fine Arts requires successful completion of 127 hours, including (1) general education component, excluding the general education fine arts requirement (see General Education Program); (2) degree requirements (foreign language); and (3) 80 hours of art in an approved degree plan. A mino is not required. This degree may require more than the normal eight semesters to complete.

BFA Major in Studio Art (80 hours)

Admission to the BFA in Studio Art requires application as described below. Students must complete the 35 hours of core and area studies curriculum (see section 3.1 above), and add three additional hours of upper division art history elective for a total of 12 art history hours, 21 hours in an approved studio emphasis (see below), and 21 hours in BFA required courses (see below) to complete 80 hours.

Pre-BFA Track

Students intending to apply for the BFA in Studio Art degree are strongly encouraged to enter the pre-BFA Studio Art track. Pre-BFA Studio Art students are required to attend a BFA orientation meeting in the fall or spring semester. No emphasis is declared in the pre-BFA track. Upon successful completion of the Sophomore Major Advancement Interview (SMAI), students with a 2.5 cumulative GPA and a 3.25 major GPA on a minimum of 24 hours of art may apply for entrance to the program. Transfer students, students changing majors, or students changing degree programs may not be required to start the program in the pre-BFA track, but must meet the requirements outlined in the previous paragraph.

Acceptance to the BFA Program

Acceptance to the BFA degree program requires approval by the studio faculty of the BFA application which includes the application form declaring emphasis being pursued, a typewritten statement, slides or digital images of at least 12 works, and a copy of a current UCA transcript. Normally, application is made in the spring of the sophomore year. Applications may be submitted each fall and spring semester. A minimum of 23 hours in art is required after acceptance to the BFA program, including ART 4300, ART 4301, ART 4675, ART 4150, ART 4160, ART 4372, and six hours of art in a specified degree plan.

Students accepted into the BFA program must submit documentationof post-SMAI finished work and works-in-progress for review by a studio faculty committe one year after acceptance into the program (normally the spring semester of the junior year).

BFA Required Courses (21 hours required of all BFA emphases)

ART 3150 BFA Folio
ART 4150 BFA Professional Orientation
ART 4300 BFA Studio Practicum
ART 4301 BFA Studio Practicum
ART 4325 Drawing IV (fall only)

ART 4372 Senior Seminar (fall only)
ART 4160 BFA Exhibit
ART 4675 BFA Internship

[3.2.1] Ceramics Emphasis (21 hours)

(Note: If one or more of the courses below have been taken as part of the Area Studies coursework under Category A, select additional courses from the studio emphasis electives section.)

ART 3379 Ceramics I
ART 3380 Slip Casting & Glaze Formulation
ART 3390 Ceramics II
ART 4388 Advanced Studio: Ceramics
ART 3361 Sculpture I
ART 3362 Sculpture II

Select one of the following electives:

ART 3325 Color
ART 3343 Printmaking I
ART 3350 Fibers
ART 3353 Graphic Design I
ART 3315 Contemporary Media in 3-D
ART 4371 Directed Studio Problem

[3.2.2] Graphic Design Emphasis (21 hours)

(Note: If one or more of the courses below have been taken as part of the Area Studies coursework under Category B, select additional courses from the studio emphasis electives section.)

ART 3353 Graphic Design I
ART 3354 Graphic Design II
ART 4328 Graphic Design III
ART 4335 Graphic Design IV

Select two of the following electives:

ART 3330 Illustration I
ART 3343 Printmaking I
ART 3325 Color
ART 3318 Photography I

Select one of the following electives.

ART 3331 Illustration II
ART 4388 Advanced Studio: Graphic Design

[3.2.3] Painting Emphasis (21 hours)

(Note: Painting I may not be used to fulfill Category B in Area Studies.)

Select seven of the following:

ART 3332 Painting I
ART 3333 Painting II
ART 4388 Advanced Studio: Painting
ART 4388 Advanced Studio: Painting
ART 3334 Watercolor I/or other upper level 2-D elective
ART 3339 Watercolor II/or other upper level 2-D elective
ART 3325 Color
ART 4371 Directed Studio

[3.2.4] Photography Emphasis (21 hours)

(Note: If one or more of the courses below have been taken as part of the Area Studies coursework under Category A or B, select additional courses from the studio emphasis electives section.)

ART 3318 Photography I
ART 3320 Photography II
ART 4388 Advanced Studio: Photography
ART 4388 Advanced Studio: Photography

Select two of the following:

ART 3343 Printmaking I
ART 3332 Painting I
ART 3353 Graphic Design I
ART 3361 Sculpture I
ART 3379 Ceramics I
ART 3315 Contemporary Media in 3-D

Select one of the following:

ART 3344 Printmaking II
ART 3333 Painting II
ART 3354 Graphic Design II
ART 3362 Sculpture II
ART 3390 Ceramics II

[3.2.5] Printmaking Emphasis (21 hours)

(Note: If one or more of the courses below have been taken as part of the Area Studies coursework under Category A or B, select additional courses from the studio emphasis electives section.)

ART 3343 Printmaking I
ART 3344 Printmaking II
ART 4388 Advanced Studio: Printmaking
ART 4388 Advanced Studio: Printmaking
ART 4371 Directed Studio Problem

Select one of the following:

ART 3330 Illustration I
ART 3332 Painting I
ART 3315 Contemporary Media in 3-D

Select one of the following:

ART 3331 Illustration II
ART 3333 Painting II
ART 3362 Sculpture II or Art 3390 Ceramics II

[3.2.6] Sculpture Emphasis (21 hours)

(Note: If one or more of the courses below have been taken as part of the Area Studies coursework under Category A, select additional courses from the studio emphasis electives section.)

ART 3361 Sculpture I
ART 3362 Sculpture II
ART 4388 Advanced Studio: Sculpture
ART 4388 Advanced Studio: Sculpture
ART 3379 Ceramics I
ART 3390 Ceramics II

Select one of the following electives:

ART 4371 Directed Studio Problem
ART 3315 Contemporary Media in 3-D

[3.3] Bachelor of Arts

The degree of Bachelor of Arts, with a major in art, requires successful completion of 120 hours for the art history and fine arts emphases and 125-127 hours for the art education emphasis, including (1) the general education component, excluding the general education fine arts requirement (see General Education Program); (2) degree requirements (foreign language); (3) an approved degree program in art; and (4) a minor approved by the student's minor advisor. A mino is not required for Bachelor of Arts students who complete requirements for teacher licensure.

[3.3.1] Fine Arts Emphasis (48 hours)

Students must complete the 35 hours of core and area studies (see section 3.1 above) and add 9 hours of studio electives (six of which must be studio level II), ART 4388, and ART 4140.

[3.3.2] Art Education Emphasis (45 hours)

Students must complete the 35 hours of core and area studies curriculum (see section 3.1 above). Art education students must complete ART 3361 or ART 337 in Category A; add 3 additional hours 3000-level art history for a minimum of 12 art history hours; 3 hours studio at level II; ART 4388; and ART 4140. A tota of 45 hours of art is required, 21 hours of art education courses (see below), and 12-14 hours of professional education (see below). Students seeking teacher licensure must complete current UCA College of Education and state requirements. This emphasis and licensure requirements may require more than the norm eight semesters to complete. A minor is not required.

Art Education Courses:

ART 3304 Introduction to Art Education
ART 4350 Art Education Practicum
ART 4361 Internship I
ART 4690 Internship II
ART 4691 Internship II

Professional Education Courses:

EDUC 1300 Education as a Profession
EDUC 1220 Education Technology (or competency test)
EDUC 3309 Cultural Perspectives
EDUC 3321 Introductory Strategies for Students with Diverse Learning Needs: Mid/Sec
MSIT 3310 Development and Learning

[3.3.3] Art History Emphasis (45 hours)

Students must complete 39 hours of art history courses (see below) and 6 hours of studio to total 45 hours in art history and art.

Select one of the following:

ART 1310 Design I
ART 2312 Design II

Select one of the following:

ART 1321 Drawing I
ART 2322 Drawing II

Select 13 from the following electives:

ART 2325 Asian Art Survey
ART 2335 Art History, Ancient
ART 2336 Art History, Renaissance to Modern
ART 3301 Modern Art
ART 3302 History of American Art
ART 3303 Nineteenth Century Art History

ART 3307 Arts of Africa
ART 3311 Ancient South American Art
ART 3329 Mesoamerican Art
ART 3335 Art Museum Studies
ART 3365 Women in Art
ART 3385 Art of India
ART 3395 Art of Japan
ART 4302 Directed Study
ART 4372 Senior Seminar

[4] Minors in Art

[4.1] Minor in Art (24 hours)

Students must complete 24 hours of art, including ART 1310 or 2312, 1321, 2322, 3 hours art history, and 12 hours studio elective (nine of which must be upper-division).

Programs of study for art minors are subject to approval by the art department.

[4.2] Minor in Art History (24 hours)

Students must complete 24 hours of art, 9 of which must be upper-division courses: ART 2325, 2335, 2336; 3 hours studio art; 12 hours selected from ART 3301, 3302, 3303, 3307, 3311, 3329, 3335, 3365, 4302, and 4372. ART 2325, 2335, and 2336 must be completed prior to enrolling in upper-division art history courses.

Programs of study for art minors are subject to approval by the art department.

[5] Departmental Honors Program

Art faculty may invite students into the departmental honors program who have completed at least 72 hours (24 of which are in art) and have a major grade point average of at least 3.4 and a cumulative grade point average of at least 3.25. After the invitation, students wishing to participate select a faculty advisor and develop a proposal which must be submitted to and accepted by the Departmental Honors Committee in the semester prior to enrolling in ART 4390 Specia Studies.

Students work with their faculty advisor on the proposed research or creative work and submit the completed work to the Departmental Honors Committee for review. Students present final work to the Honors Committee and the faculty advisor for the final evaluation. Honors standing is granted only to those students receiving a grade of "A" in ART 4390. Credit will be granted for students who receive a grade of "B" or "C." Students earning honors standing are so noted in th university's commencement proceedings and the designation of "Undergraduate Scholar" is printed on both their transcript and their diploma upon graduation.

[6] Accreditation

The University of Central Arkansas is an accredited institutional member of the National Association of Schools of Art and Design, 11250 Roger Bacon Drive, Suite 21, Reston, Virginia 20190. Telephone: (703) 437-0700.

[7] Courses in Art (ART)

[7.1] Studio Art

Follow this link for ART - Studio Art course descriptions: course link.

[7.2] Art Education

Follow this link for ART - Art Education course descriptions: course link.

[7.3] Art History

Follow this link for ART - Humanities and Art History course descriptions: course link.

Department of Mass Communication and Theatre

Chair and Associate Professor: Mr. Gale, 450-3162
Distinguished Professor Emeritus: Dr. Anderson
Associate Professor: Dr. Browne, Mr. Harvey, Dr. Hutchinson, Ms. Meador
Assistant Professors: Dr. Blakey, Mr. Brown, Mr. Dull, Mr. Fritzges, Mr. Gunter, Dr. Heo, Mr. Meador, Ms. Lampkin Stephens, Dr. Walter, Mr. Yang
Lecturers: Mr. Keith, Mr. Marhenke
Instructor: Mr. Lovel

[1] Purposes

The Department offers professional training in the areas of filmmaking, mass communication, and theatre. It also seeks to educate interested non-professionals who seek to become participating members of a knowledgeable audience. Additionally, through broadcast, print, cinematic, and theatrical productions, student and faculty of the department share their work with the people of Arkansas.

[2] Facilities

State-of-the-art facilities support each program of the department. Mass Communication is housed in a new facility that includes two television production studios, audio studios, Final Cut Pro, Avid, and Discreet editing suites, 2 computer labs, production areas, and a darkroom. Theatre facilities include a well-equipped technical area, a CAD laboratory, a 150-seat studio theatre, a 300-seat proscenium theatre, and the new 1200-seat Reynolds Performance Hall.

[3] The Honors Program in Mass Communication and Theatre

A student may be invited by the faculty of the department to enter the honors program in the first semester of the senior year. To earn departmental honors, th student must major in one of the areas offered by the Department of Mass Communication and Theatre and enroll in MCOM 3322. In addition, the student submits a final honors project paper or performance no later than February 1 for Spring graduation, October 1 for fall graduation, or June 1 for summer graduation.

[4] Baccalaureate Degrees

[4.1] Bachelor of Arts/Bachelor of Science in Digital Filmmaking

The degree of Bachelor of Arts or Bachelor of Science with a major in digital filmmaking requires the successful completion of 120 hours, including (1) the general education component, (2) specific degree requirements, (3) the core courses MCOM 1300 and 1362, (4) major requirements and electives as described below, and (5) a minor as arranged through the student's minor advisor.

[4.1.1] Major in Digital Filmmaking (44 hours)

Core courses (6 hours):

MCOM 1300 Media and Society
MCOM 1362 Mass Communication Practices and Processes

Required digital filmmaking courses (24 hours):

FILM 2310 Script Analysis
FILM 2466 Digital Filmmaking 1
FILM 3315 Classical Film Theory
FILM 3350 Cinema History 1
FILM 3351 Cinema History 2
FILM 3456 Digital Filmmaking 2
FILM 4356 Digital Filmmaking 3
FILM 4357 Digital Filmmaking 4

Electives (12 hours, chosen from the following):

FILM 3316 Film Theory Since 1960
FILM 3363 Audio Production and Design for Film
FILM 3373 Documentary Production

FILM 4380 Seminar in Film Studies
FILM 4392 Topics in Digital Production (Cinematography, Directing, Editing, etc.)
JOUR 4313 Writing for Electronic Media
JOUR 4315 Advanced Television Production
MCOM 3307 Media Theory and Research
WRTG 3320 Forms of Scriptwriting
WRTG 3376 Screenwriting Workshop
MCOM 3321 Internship (120 hrs.)

[4.1.2] Minor in Digital Filmmaking (22 hours)

Students seeking a minor in Digital Filmmaking are required to complete the following:

Students must complete a minor declaration form to enroll in the program.

Required (16 hours):

MCOM 1300 Media and Society
FILM 1305 Introduction to Film
FILM 2310 Script Analysis
FILM 2466 Digital Filmmaking 1
FILM 3315 Classical Film Theory
or
FILM 3350 Cinema History 1

Electives (6 hours): Chhose from the following:

FILM 3305 Production Design
FILM 3316 Film Theory Since 1960
FILM 3320 Film Editing
FILM 3351 Cinema History 2
FILM 3355 Visual Effects Compositing
FILM 3356 Animation for VIsual Efrfects
FILM 3363 Audio Production and Design for Film
FILM 3373 Documentary Production
FILM 3456 Digital Filmmaking 2
FILM 4356 Digital Filmmaking 3
FILM 4357 Digital Filmmaking 4
FILM 4380 Seminar in Film Studies
FILM 4392 Topics in Digital Production
JOUR 3374 Broadcast Journalism Production II
JOUR 4313 Writing for Electronic Media
MCOM 3307 Theories of Mass Communication
MCOM 4323 Seminar in Mass Communication
WRTG 3320 Forms of Scriptwriting
WRTG 3376 Screenwriting Workshop

[4.2] Bachelor of Arts/Bachelor of Science in Journalism

The degree of Bachelor of Arts or Bachelor of Science with a major in mass communication requires the successful completion of 120 hours, including (1) the general education component, (2) specific degree requirements, (3) the core journalism courses, (4) required, elective, and application courses for one of the mass communication emphasis areas as described below, (5) JOUR 3321 (internship), and (6) a minor as arranged through the student's minor advisor.

[4.2.1] Major in Journalism (43 hours)

Journalism core (24 hours):

MCOM 1300 Media and Society
JOUR 2300 Beginning Reporting
JOUR 2305 Basic Press Photography

JOUR 2325 Principles of Online Journalism
JOUR 2340 Broadcast Journalism Production
JOUR 3308 News Editing
MCOM 3301 Media Law and Ethics
MCOM 3307 Theories of Mass Communication

Electives (6 hours, chosen from the following):

JOUR 2301 Broadcast Announcing
JOUR 3122 Directed Study in Communication
JOUR 3222 Directed Study in Communication
JOUR 3300 Advanced Reporting and Editing
JOUR 3305 Publication Design & Makeup
JOUR 3311 Digital Imaging
JOUR 3334 Non-Fiction Writing
JOUR 3345 Online Publishing I
JOUR 3346 Online Publishing II
JOUR 3363 Audio Production
JOUR 3365 Broadcast Management
JOUR 3373 Documentary Production
JOUR 3374 Broadcast Journalism Production II
JOUR 4313 Writing for Electronic Media
JOUR 4315 Broadcast Journalism Production III
JOUR 4331 In-Depth and Computer-Aided Reporting
JOUR 4332 Writing Editorials & Reviews
MCOM 3302 Media History
MCOM 3322 Directed Study in Communication
MCOM 3320 Introduction to Mass Communication Research Methods
MCOM 3391/4391 Topics in Mass Communication
MCOM 4302 Media Effects
MCOM 4323 Seminar in Mass Communication
SPCH 3310 Writing for Public Relations
WRTG 3310 Technical Writing

Application courses (4 hours):

All students are to complete 1 hour credit at each level. (Each level many be repeated for a maximum 2 hours of credit). Online Journalism students must complete at least one hour of print and one hour of electronic applications among the four hours.

JOUR 1121 Print Media Applications
JOUR 2121 Print Media Applications
JOUR 3121 Print Media Applications
JOUR 4121 Print Media Applications

OR

JOUR 2123 Electronic Media Applications
JOUR 3123 Electronic Media Applications
JOUR 4123 Electronic Media Applications

Internship (3 hours):

JOUR 3321 Internship (120 hours)

[4.2.2] Emphasis

Required (6 hours): Must complete both courses in at least one of the four options:

Broadcast Journalism Emphasis

JOUR 3374 Broadcast Journalism Production II
JOUR 4315 Broadcast Journalism Production III

Online Journalism Emphasis

JOUR 3345 Online Publishing I
JOUR 3346 Online Publishing II

Print Journalism Emphasis

JOUR 3300 Advanced Reporting
JOUR 3305 Publication Design & Makeup

Mass Communication Research

MCOM 3320 Introduction to Mass Communication Research Methods
4302 Media Effects

[4.2.3] Minor in Journalism (26 hours)

Core (8 hours)

MCOM 1300 Media and Society
JOURN 2300 Beginning Reporting (Prerequisite WRTG 1320)
JOUR 1121 Print Media Applications or JOUR 2123 Electronic Media Applications
JOUR 2121 Print Media Applications or JOUR 3123 Electronic Media Applications

Electives (18 hours, chosen from the following courses):

JOUR 2301 Broadcast Announcing
JOUR 2305 Basic Press Photography
JOUR 2325 Principles of Online Journalism
JOUR 2340 Broadcast Journalism Production I
JOUR 3122 Directed Study in Communication
JOUR 3222 Directed Study in Communication
JOUR 3300 Advanced Reporting
JOUR 3305 Publication Design & Makeup
JOUR 3308 News Editing
JOUR 3311 Digital Imaging
JOUR 3334 Non-Fiction Writing
JOUR 3345 Online Publishing I (Prerequisite JOUR 2325)
JOUR 3346 Online Publishing II (Prerequisite JOUR 3345)
JOUR 3363 Audio Journalism
JOUR 3365 Broadcast Management
JOUR 3373 News Documentary Production
JOUR 3374 Broadcast Journalism Production II (Prerequisite JOUR 2340)
JOUR 4313 Writing for Electronic Media
JOUR 4315 Broadcast Journalism Production III (Prerequisite JOUR 3374)
JOUR 4331 In-Depth and Computer-Aided Reporting (Prerequisite JOUR 3308)
JOUR 4332 Writing Editorials and Reviews
MCOM 3320 Introduction to Mass Communication Research Methods
MCOM 3301 Media Law and Ethics
MCOM 3302 Media History
MCOM 3307 Theories of Mass Communication
MCOM 3322 Directed Study
MCOM 3391/4391 Topics in Mass Communication
MCOM 4302 Media Effects
MCOM 4323 Seminar in Mass Communication
SPCH 3310 Writing for Public Relations

Prerequisite courses for all other courses except Media Applications; MCOM 1300 and JOUR 2300, may be taken concurrently.

[4.3] Bachelor of Arts/Bachelor of Science in Theatre

The degree of Bachelor of Arts or Bachelor of Science in theatre requires the successful completion of 124 hours, including (1) the general education componen (2) specific degree requirements, (3) requirements for the major as described below, and (4) a minor as arranged through the student's minor advisor.

[4.3.1] Major in Theatre (40 hours)

Required (27 hours):

A minimum grade of "C" required for Major credit or to be used as a prerequisite for a Major course):

THEA 1360 Text Analysis
THEA 1370 Voice and Movement
THEA 2325 Fundamentals of Theatrical Design
THEA 2331 Stagecraft
THEA 2390 Acting I
THEA 3324 Theatre History I
THEA 3325 Theatre History II
THEA 3332 Stage Lighting *or* THEA 3310 Costume Design *or* THEA 4340 Scene Design
THEA 4320 Directing

Electives (9 hours, chosen from the following):

THEA 2310 Costume Construction
THEA 2320 Stage Make-Up
THEA 2330 Stage Management
THEA 3310 Costume Design
THEA 3320 Digital Design
THEA 3331 Stagecraft II
THEA 3332 Stage Lighting
THEA 3390 Acting Styles: Farce, Commedia, Comedy of Manners
THEA 3391 Acting Styles: Shakespeare, Greek
THEA 4100 Professional Issues
THEA 4305 Acting for the Camera
THEA 4315 Topics in Theatre Performance (May be repeated once under a different topic)
THEA 4321 Topics in Technical Theatre (May be repeated once under a different topic)
THEA 4322 Theatre Workshop
THEA 4326 Costume History
THEA 4340 Scene Design

Application (4 hours):

THEA 1122 Theatre Production and Performance
THEA 2122 Theatre Production and Performance
THEA 3122 Theatre Production and Performance
THEA 4122 Theatre Production and Performance

Optional:

THEA 3150, 3250, 3350 Directed Study in Theatre
MCOM 3321 Internship
(Directed Study and Internship not included in hours for the major)

[4.3.2] Minor in Theatre (20 hours)

Students seeking a Minor in Theatre are required to complete the following:

Required (6 hours) (Minimum grade of 'C' for Minor credit):

THEA 2325 Fundamentals of Theatrical Design
THEA 2390 Acting I

Electives (12 hours- 9 hours to be Upper Division) from the following:

THEA 1360 Text Analysis
THEA 1370 Voice and Movement
THEA 2331 Stagecraft
THEA 2320 Stage Makeup
THEA 2330 Stage Management
THEA 3310 Costume Design*
THEA 3320 Digital Design"
THEA 3324 Theatre History I^
THEA 3325 Theatre History II^
THEA 3331 Stagecraft II^^
THEA 3332 Stage Lighting*
THEA 3390 Acting Styles: Farce, Commedia, Comedy or Manners**
THEA 3391 Acting Styles: Shakespeare, Greek**
THEA 4100 Professional Issues
THEA 4305 Acting for the Camera**
THEA 4315 Topics in Performance**
(May be repeated once under a different topic)
THEA 4320 Directing**^
THEA 4321 Topics in Technical Theatre*
(May be repeated once under a different topic)
THEA 4322 Theatre Workshop
THEA 4340 Scene Design*^^
THEA 4326 Costume History

Application courses (2 hours): All students are required to complete 1 hour credit at any two levels. (Each level may be repeated once for a maximum hours credit.) Minimum grade of 'B' for Minor credit.

THEA 1122 Theatre Production and Performance
THEA 2122 Theatre Production and Performance
THEA 3122 Theatre Production and Performance
THEA 4122 Theatre Production and Performance

***Prerequisite THEA 2325 Fundamentals of Theatrical Design**
****Prerequisite THEA 2390 Acting I**
^Prerequisite THEA 1360 Text Analysis
^^Prerequisite THEA 2331 Stagecraft

[5] Courses in Digital Filmmaking (FILM)

Follow this link for FILM course descriptions: course link.

[6] Courses in Journalism (JOUR)

Follow this link for JOUR course descriptions: course link.

[7] Courses in Mass Communication (MCOM)

Follow this link for MCOM course descriptions: course link.

[8] Courses in Theatre (THEA)

Follow this link for THEA course descriptions: course link.

Department of Music

Chair and Associate Professor: Dr. Jarvis, 450-3163
Professors: Dr. Anthony, Dr. Collins, Dr. Lamar, Dr.Winter
Associate Professors: Dr. Brooks, Dr. Brown, Mr. Erwin, Dr. Holden, Dr. Hsu, Dr. Johnson, Dr. Oeste, Dr. Rutman
Assistant Professors: Dr. Dahlenburg, Dr. P. Dickinson, Ms. Donahue, Dr. Feldman, Mr. Jones, Dr. Ramsdell, Dr. Rose, Dr. Tyson, Dr. Young
Lecturers: Dr. Antolik, Dr. Duso, Mr. Shires
Instructor: Ms. Bryant
Adjunct: Ms. Banister, Dr. S. Dickinson, Mr. Emerson, Ms. Franklin, Ms. Hanna, Mr. Hatch, Ms. Reynolds, Ms. Shires, Ms. Stanley

[1] Mission

The human spirit is enlightened and elevated through the creation, presentation and transmission of our common musical culture. To this goal, and in consonance with the mission of the University and of the College of Fine Arts and Communication, the Department of Music prepares tomorrow's performers, music teachers, entrepreneurs and professionals in and through the discipline of music, and brings performances of national prominence to Arkansas and the region. The Department of Music also provides music education experiences for children and adults through the Community School of Music, opportunities for university students from all disciplines to enrich their own general education by taking courses in music and performing in ensembles, and service and outreach to Arkansas public schools.

[2] The Honors Program in Music

The Department of Music's Honors Program provides outstanding music students the opportunity to do additional creative projects and research. To be eligible for admission, a student must have a 3.0 GPA overall and a 3.0 GPA in music courses. This program will include successful completion of MUS 4310 Special Studies in Music.

Students who are interested in the honors program should petition to participate by writing a letter to the departmental Honors Committee (1) stating that he/she meets the GPA qualifications for the honors program; (2) describing the proposed project (research, composition, lecture/recital, etc.); and (3) listing proposed committee members for his/her project.

Students should discuss projects with their proposed committee members prior to writing their petition and secure the commitment of one faculty member to serve as chair of the committee and supervise the project. The department Honors Committee will review the petition and inform the student of approval.

[3] Baccalaureate Degrees

[3.1] Bachelor of Music in Music Education

The BM degree in music education requires successful completion of 131 hours, including (1) the general education component, (2) degree/licensure requirement in the College of Education, (3) degree requirements in music as listed below, and (4) ensemble experiences as required. Keyboard majors must pursue a choral or an instrumental degree track. A minor is not required.

[3.1.1] Major in Music Education

Applied Music (12-14 hours): Major applied: 10 hours (instrumental) or 12 hours (vocal); recital or project: 1 hour; minor applied: 2 hours.

Theory (18 hours): MUS 1230, 1231, 1232, 1233, 2430, 2431, 3210 or 3230 or 4210 or 4215.

History and Literature (9 hours): MUS 1340, 3302, 3303.

Pedagogy (9-11 hours): Vocal majors: MUS 1141, 1142, 3201, 3305, 3306, 4160. Keyboard majors: MUS 2150, 3201, 3305, 3306, 4202. Instrumental majors: MUS 2150, 2170/2171, 2180/2181, 2199, 3201, 3305, 3304 or 3308. (Instrumental majors must have 1 hour of string class, 1-2 hours of brass class, and 1- hours of woodwind class. Brass majors will take 2 hours of woodwinds. Woodwind majors must have 2 hours of brasses. Percussion majors will take 2 hours of woodwinds and 2 hours of brasses.)

Technology (2 hours): MUS 2210.

Internships (13 hours): MUS 4140, MUS 4690, MUS 4691

[3.2] Bachelor of Music in Performance

The degree of Bachelor of Music with a major in performance requires successful completion of 130 hours, including (1) the general education component, (2) degree requirements as listed below, and (3) ensemble experience as required.

[3.2.1] Major in Performance (130 hours)

Applied Music (26 hours): Major applied: 23 hours; minor applied: 2 hours; recital: 1 hour.

Theory (24 hours): MUS 1230, 1231, 1232, 1233, 2430, 2431, 3210, 3230, 3233, 4210 or 4215.

History and Literature (11 hours): MUS 1340, 3302, 3303; keyboard majors: MUS 4203; vocal majors: MUS 4205.

Pedagogy (2-4 hours): MUS 3201; instrumental majors: MUS 4204; keyboard majors: MUS 4202; vocal majors: MUS 4160. Vocal majors must take MUS 1141 an 1142. Note: Vocal majors under the BM Performance program must have one year of a foreign language, either French or German.

Electives: Vocal emphasis: 4 hours; instrumental emphasis: 12 hours; keyboard emphasis: 11 hours. (Electives may be music courses or courses from other disciplines. Students should consider the university graduation requirement of 40 hours of upper-division credit for graduation when choosing electives.)

[3.3] Bachelor of Arts in Music

The degree of Bachelor of Arts in Music requires the completion of 121 hours, including (1) the general education component, (2) BA special degree requirements, (3) major requirements as listed below, (4) ensemble experience as required, and (5) a minor in another field of up to 24 units as worked out wit the minor advisor.

[3.3.1] Major in Music

Theory (16 hours): MUS 1230, 1231, 1232, 1233, 2430, 2431
History and Literature (9 hours): MUS 1340, 3302, 3303
Applied Music (8 hours)
Secondary Applied (2 hours)
Ensembles (8 hours)
Music Technology (2 hours): MUS 2210
Upper Division Electives (13 hours)

[3.3.2] Minor in Music (non-teaching) (24 hours)

This minor is designed for students who wish to develop their competence in music, but who do not desire a professional preparation. Twenty-four credit hour are required to complete a minor in music.

Music theory (8 hours): MUS 1230, 1231, 1232, 1233. Admission to Harmony I and Ear Training I is contingent upon the successful completion of a placement test or the successful completion of MUS 1300 Fundamentals of Music.

Music Literature (3 hours): MUS 1340

Applied Music (6-7 hours). For those who need piano for theory keyboard, 2 hours of piano class may be a part of the 6 hours in applied music. Up to two hou per semester may be used to complete this requirement.

Ensemble (6-7 hours). Only one credit per semester may be used to fulfill this requirement.

[3.4] Bachelor of Music in Composition

The degree Bachelor of Music with a major in Composition requires successful completion of 132 hours, including (1) the general education component, and (2 degree requirements as listed below.

[3.4.1] Major in Music

Applied Music (29 hours): Major applied (20 hours): minor applied (8 hours); recital (1 hour)

Theory (30 hours): MUS 1230, 1231, 1232, 1233, 2210, 2233, 2430, 2431, 3201, 3210, 3230, 4210, 4215

History and Literature (9 hours): MUS 1340, 3302, 3303

Ensembles and Piano (8 hours): Ensembles (6 hours); piano class (MUS 2133, 2134)

Electives (12 hours)

Students interested in pursuing a Bachelor of Music in Composition should notify the Composition faculty during the first semester of the freshman year, take MUS 2233 Composition Class in the spring of the freshman year, and submit an audition portfolio of two or three pieces for different media at the end of the freshman year. Successful completion of MUS 2233 with a grade of A or B, and a satisfactory audition are required for admission to the program.

[4] Master's Degree

See *Graduate Bulletin*.

[5] Accreditation

The University of Central Arkansas is an accredited institutional member of the National Association of Schools of Music, 11250 Roger Bacon Drive, Suite 21, Reston, Virginia 20190. Telephone: (703) 437-0700.

[6] Departmental Undergraduate Admission Requirements

Students may apply for admission to undergraduate music study at the University of Central Arkansas for the fall, spring, or summer terms. Applicants are encouraged to begin the application process late in their junior year or early in their senior year of high school.

In addition to meeting the general requirements for admission to the University of Central Arkansas, students desiring to pursue a major or minor in music mus submit an additional application and supporting materials to the Department of Music. No student is allowed to declare any major iin music without receiving a letter of acceptance from the Department of Music.

[6.1] Admission from High School

1. Submit all general materials to the UCA admissions office.
2. Submit music application to Department of Music (forms available from the music office or online).
3. Audition in the principal applied area. A satisfactory audition is essential to determine acceptability to the department. For additional information regarding audition requirements, please refer to the Department of Music website, Degrees and Programs, Areas of Study or contact the appropriate applied instructor.

[6.2] Admission as a Transfer from Another College

1. Same as admission from high school.
2. Examinations in theory and music literature/history are required for placement or verification of transfer credits in music courses.

[6.3] Diagnostic Exams for Incoming Music Majors

1. Piano Placement Evaluation: While piano proficiency is not required for admission, all music majors must achieve the required level of proficiency. The Piano Placement evaluation will assist in placing each student in an appropriate level of piano instruction.
2. Basic Musicianship Evaluation: While not required for admission, all music majors must achieve a required level of proficiency in basic musicianship. this evaluation is a brief test of rudimentary music skills which is necessary for placement in music theory and musicianship courses.

Students will be notified by the department of the time and date of these evaluations.

[7] Performance Requirement

[7.1] Ensemble Requirements

Every student registered for applied instruction and every music major will participate in one appropriate large conducted ensemble each semester, as assigned by the faculty. The chair, in consultation with the appropriate applied faculty member and ensemble director and with the student, may substitute a small conducted ensemble or waive the requirement.

[7.2] Specific Requirements

[7.2.1] BM in Music Education

- Woodwind, brass, and percussion majors must participate in the university ensemble combination (Fall: Bear Marching Band and either a concert band or orchestra; Spring: a concert band or orchestra) to fulfill large ensemble credit up until the Internship II semester.
- String majors must participate in the university orchestra to fulfill large ensemble credit up until the Internship II semester.
- Vocalists must participate in a choir to fulfill the large ensemble credit up until the Internship II semester.
- Piano majors may participate in any large ensemble to fulfill credit up until the Internship II semester; however, they may substitute up to three semeste of accompanying as large ensemble credit.
- During the course of the degree program, it is expected that students will take an appropriate mix of small conducted ensembles and/or chamber music in addition to the large ensembles, as assigned by the major professor and the advisor.
- Exceptions to this policy require application to the chairman.

[7.2.2] BM in Performance

- Woodwind, brass, and percussion majors must participate in the university band combination (Fall: Bear Marching Band and a concert band; Spring: a concert band or orchestra) each semester to fulfill a large ensemble requirement. Participation in Wind Ensemble through successful audition may be substituted for the university band combination in the fall.
- String majors must participate in the university orchestra each semester to fulfill the large ensemble requirement.
- Vocalists must participate in a choir each semester to fulfill the large ensemble requirement; in addition, they must participate in two contiguous semesters of Opera Workshop. Other equivalent stage experiences may be substituted for the Opera Workshop requirement if approved by the applied instructor.
- Piano majors must participate in a large ensemble each semester in residence. This may include collaborative activity with a university ensemble. Student may substitute up to six semesters of solo accompanying for the large ensemble requirement.
- Guitar majors must participate in a large ensemble each semester to fulfill the large ensemble requirement and may substitute up to two semesters of conducted jazz ensemble as large ensemble credit. In addition, they are required to participate in guitar ensemble as their small ensemble each semester
- During the course of the degree program, it is expected that students will take an appropriate mix of small conducted ensembles and/or chamber music in addition to the large ensembles, as assigned by the major professor and the advisor.
- Exceptions to this policy require application to the chairman.

[7.2.3] BA in Music

- During the course of the degree program, it is expected that students will take an appropriate mix of small conducted ensembles in addition to the large ensembles, as assigned by the major professor and the advisor.

Recital Attendance: All music majors are required to attend 20 recital programs per semester (ten general recitals plus ten additional events). Attendance at these recitals is required for six semesters. Failure to meet minimum attendance requirements in any given semester will result in attendance at the additional required number in a subsequent semester.

[7.3] Piano Skills Development

Piano Classes I and II are remedial in nature and do not count toward music degrees. An entering student with adequate preparation will normally enter into Piano Class III. All students enrolled as music majors are required to demonstrate their competence in keyboard skills. This requirement may be met by choosin one of the following options:

1. Completion of Piano Class IV with a grade of C or higher will demonstrate achievement of the skills guidelines. (The final exam for Piano IV will be equivalent to the respective guideline statement for each area of emphasis. Piano IV may be repeated until the requirement is satisfied.)
2. Any student may be exempted from Piano Class III and/or IV by successfully demonstrating the skills contained in the guidelines for each level for which exemption is sought in a specially scheduled hearing before the piano proficiency committee.
3. All keyboard majors will complete requirements contained in the guidelines through participation in a weekly lab session during the freshman year. Non-keyboard majors with sufficient keyboard background to qualify may also complete the requirements through the lab session (admittance for non-keyboard majors is by a screening audition at the beginning of the school year).

[7.4] Jury Examinations

At the end of each semester all music majors and minors are required to perform a jury examination in the major and minor applied area of study. Juniors and seniors who have given a satisfactory recital may be exempted from the jury. Examination requirements for persons enrolled in applied music on an elective basis are determined by the individual teacher. The specific jury repertoire requirements are determined by the individual teachers or general areas such as voic or piano.

[7.5] Recitals

All music majors, except first-semester freshmen, are required to appear in a general recital at least once each semester. During the senior year, an individual, full-length recital is required. However, at the discretion of the major professor, and after consulting with the department chair, BA music majors and music education majors may give this recital jointly with another music major or may substitute an alternative project. A bachelor of music performance candidate must, in addition to the senior recital, give a half recital during the junior year. Students planning recitals must confer early in the semester with the department chair.

[8] Music Fees

For individual instruction in piano, guitar, voice, band, orchestral instruments, and piano class:

$40.00 per semester for two credit hours (two half-hour lessons or one full-hour lesson per week); $25.00 per semester for one credit hour (one half-hour

lesson or two class lessons per week).

For practice facilities:

Piano, voice, guitar: $4.00 per semester for the first daily practice hour, $2.00 for each additional hour; $2.00 per summer term of five weeks for the first 2 da practice hours, $2.00 for each additional hour.

Orchestra and band instruments: $3.00 per semester for the first daily hour of practice, $1.00 for each additional hour; $2.00 per summer term of five weeks f 2 hours of daily practice, $1.00 for each additional hour.

[9] Credit Hours in Applied Music

Credit in applied music is computed as follows (SCH = semester credit hour[s]):

1 SCH: one half-hour lesson per week, 6 hours of practice per week.
2 SCH: one full-hour lesson or two half-hour lessons per week, 12 hours of practice per week.
4 SCH: one full-hour lesson or two half-hour lessons per week, 18 hours of practice per week (applicable to BM in performance students).

[10] Courses in Music (MUS)

Theory

Follow this link for MUS - Theory course descriptions: course link.

History and Literature

Follow this link for MUS - History and Literature course descriptions: course link.

Pedagogy

Follow this link for MUS - Pedagogy course descriptions: course link.

Special Courses

Follow this link for MUS - Special Courses course descriptions: course link.

Applied Classes (group instruction)

Follow this link for MUS - Applied Classes descriptions: course link.

[11] Courses in Music - Applied (MUSA)

Follow this link for MUSA course descriptions: course link.

[12] Courses in Music - Ensemble (MUSE)

Follow this link for MUSE course descriptions: course link.

Department of Communication

Chair and Professor: Dr. Hikins, 450-3202
Associate Professors: Dr. Bedner
Assistant Professors: Dr. Alston-Miller, Dr. Amy, Dr. Corley, Dr. McIntyre
Lecturers: Ms. Colaianni, Ms. Milburn
Instructors: Ms. Bray, Dr. Dilday, Ms. Fritzges, Mr. Gardner, Mr. Lowery, Mr. McCullars, Ms. Phillips, Mr. Russell

[1] Purposes

The Department of Communication offers the basic oral communication general education course supporting the university's emphasis on speaking and thinkin skills across the curriculum. The department also offers courses in public relations, communication, and offers majors in public relations and communication. T department also offers minors in public relations and communication.

[2] Baccalaureate Degrees

[2.1] Bachelor of Arts/Bachelor of Science in Public Relations

The degree of Bachelor of Arts or Bachelor of Science with a major in public relations requires the successful completion of 120 hours, including (1) the general education component, (2) special degree requirements, (3) a major as described below, and (4) a minor as arranged through the student's minor advisor.

[2.1.1] Major in Public Relations (39 hours)

Core Courses (18 hours):

MCOM 3301 Media Law and Ethics
PRLS 2305 Introduction to Public Relations
SPCH 2308 Perspectives in Communication
SPCH 2313 Introduction to Communication Research
SPCH 3301 Organizational Communication
SPCH 3312 Persuasion

Application Courses (18 hours):

JOUR 2300 Beginning Reporting
JOUR 3305 Publication Design and Makeup
PRLS 3305 Public Relations Techniques
PRLS 3310 Writing for Public Relations
PRLS 4305 Public Relations Cases and Campaigns
PRLS 4308 Public Relations Management

Electives (3 hours, chosen from the following):

PRLS 4310 Nonprofit Public Relations
PRLS 4312 International Public Relations
PRLS 4316 Special Topics in Public Relations
PRLS 4380 Directed Study in Public Relations
SPCH 3303 Gender Communication
SPCH 3307 Interpersonal Communication
SPCH 3321 Communication Internship
SPCH 3330 Event Planning
SPCH 4315 Communication and Leadership
SPCH 4316 Special Topics in Communication

[2.1.2] Minor in Public Relations (21 hours)

Required Courses at 2000 level (6 hours):

PRLS 2305 Introduction to Public Relations

SPCH 2308 Perspectives in Communication

Required Courses at 3000/4000 level (9 hours):

PRLS 3305 Public Relations Techniques
PRLS 4308 Public Relations Management
SPCH 3301 Organizational Communication

Plus two courses to be selected from the following (6 hours):

PRLS 4310 Nonprofit Public Relations
SPCH 3308 Argumentation & Advocacy
SPCH 3370 Intercultural Communication
SPCH 4315 Communication and Leadership
SPCH 4316 Advertising and Promotion
SPCH 4325 Health Communication
SPCH 4334 Political Communication

[2.2] Bachelor of Arts/Bachelor of Science in Communication

The degree of Bachelor of Arts or Bachelor of Science with a major in speech communication requires the successful completion of 120 hours, including (1) the general education component, (2) special degree requirements, (3) a major as described below, and (4) a minor as arranged through the student's minor adviso

[2.2.1] Major in Communication (34 hours)

Required Courses (9 hours):

SPCH 2308 Perspectives in Communication
SPCH 2313 Introduction to Communication Research
SPCH3312 Persuasion **or**
SPCH 3308 Argumentation & Advocacy

Electives (21 hours, chosen from the following):

LING 4305 African-American Rhetoric
SPCH 3301 Organizational Communication
SPCH 3303 Gender Communication
SPCH 3307 Interpersonal Communication
SPCH 3311 Evolution of Rhetorical Theory
SPCH 3321 Communication Internship
SPCH 3330 Event Planning
SPCH 3370 Intercultural Communication
SPCH 4305 African-American Rhetoric
SPCH 4310 Presidential Rhetoric
SPCH 4315 Communication and Leadership
SPCH 4316 Special Topics in Communication
SPCH 4318 Crisis Communication
SPCH 4320 Nonverbal Communication
SPCH 4325 Health Communication
SPCH 4330 Family Communication
SPCH 4334 Political Communication
SPCH 4380 Directed Study in Communication

Required Capstone Courses (4 hours):

SPCH 4336 Advanced Communication Theory
SPCH 4130 Communication Practicum

[2.2.2] Minor in Communication (21 hours)

Required Courses (9 hours):

SPCH 2308 Perspectives in Communication
SPCH 2313 Introduction to Communication Research
SPCH 3312 Persuasion **or**
SPCH 3308 Argumentation & Advocacy

Electives (12 hours, chosen from the following, with at least 9 hours at the 3000/4000 level):

SPCH 3301 Organizational Communication
SPCH 3303 Gender Communication
SPCH 3307 Interpersonal Communication
SPCH 3311 Evolution of Rhetorical Theory
SPCH 3321 Communication Internship
SPCH 3330 Event Planning
SPCH 3341 Small Group Communication
SPCH 3370 Intercultural Communication
SPCH 4305 African-American Rhetoric
SPCH 4310 Presidential Rhetoric
SPCH 4315 Communication and Leadership
SPCH 4316 Special Topics in Communication
SPCH 4318 Crisis Communication
SPCH 4320 Nonverbal Communication
SPCH 4325 Health Communication
SPCH 4330 Family Communication
SPCH 4334 Political Communication

[3] Courses in Public Relations (PRLS)

Follow this link to PRLS course descriptions: course link

[4] Courses in Communication (SPCH]

Follow this link to SPCH course descriptions: course link

Department of Writing

Chair and Associate Professor: Dr. Payne, 450-3344
Professor: Mr. Wright
Associate Professors: Dr. Bolter, Dr. Burley, Dr. Castner Post, Dr. Malek, Dr. J. Vanderslice, Dr. S. Vanderslice
Assistant Professors: Mr. Powell, Mr. Spitzer. Dr. Thornes, Dr. SmithermanVisiting Assistant Professors: Mr. May, Dr. Rankin
Lecturers: Ms. Allen, Ms. Bradford, Ms. Deering, Mr. Gifford, Dr. Grate, Dr. Lance, Ms. Mongno, Dr. E. Stengel
Instructors: Ms. Becker, Ms. Bogoslavsky, Ms. Bowles, Dr. Dilday, Dr. Forssman Hill, Ms. Moore, Ms. Phillips, Mr. Scaife, Ms. E. Smith
Visiting Lecturers: Ms. Girard, Ms. Stormoe

[1] Purposes

In addition to offering general education writing courses supporting the university's emphasis on writing and thinking skills across the curiculum, the Departme of Writing offers a variety of courses in creative writing, linguistics, rhetoric and composition, professional and technical writing, and the teaching of writing. Th department offers majors and minors in writing, creative writing, and linguisitcs.

[2] Baccalaureate Degrees

[2.1] Bachelor of Arts in Writing, Creative Writing, and Linguistics

The degree of Bachelor of Arts in Writing requires successful completion of 120 hours, including (1) the general education component, (2) sophomore-level foreign language, (3) a major as described below (4) 40 upper-division hours, and (5) completion of a minor.

Three degrees are offered: (1) the BA in Writing; (2) the BA in Creative Writing; and (3) the BA in Linguistics.

[2.1.1] Major in Writing (36 hours)

Required Courses (21 hours):

LING 2320 Introduction to Linguistics
SPCH 3312 Persuasion
SPCH 4311 Evolution of Rhetroical Theory
WRTG 2310 Introduction to Creative Writing
WRTG 3305 Writing for New Technologies
WRTG 3310 Technical Writing
WRTG 4305 Contemporary Composition: Theory and Application
Electives (15 hours chosen from the following):

LING 3315 Semantics
LING 3325 Sociolinguistics
LING 4330 Linguistics for Educators
LING 4345 Analytical Methods of Morphology and Syntax
LING 4350 Phonology
LING 4355 Special Topics in Linguistics
LING 4360 Historical Linguistics
LING 4370 Field Methods in Linguistics
WRTG 2315 Introduction to Dramatic Writing
WRTG 2325 Introduction to Rhetoric
WRTG 3301 Rhetoric and Composition
WRTG 3315 Teaching and Tutoring Writing
WRTG 3320 Forms of Scriptwriting
WRTG 3325 Forms of Poetry
WRTG 3330 Forms of Creative Nonfiction
WRTG 3331 Forms of Illustrated Narrative
WRTG 3335 Forms of Fiction
WRTG 3340 Writing Acquistion: Theory and Practice
WRTG 3345 Forms of Writing For Children

WRTG 3370 Poetry Workshop
WRTG 3371 Fiction Workshop
WRTG 3372 Creative Nonfiction Workshop
WRTG 3373 Illustrated Narrative Workshop
WRTG 3374 Travel Writing Workshop
WRTG 3375 Writing for Children Workshop
WRTG 3376 Screenwriting Workshop
WRTG 3377 Genre Fiction Workshop
WRTG 4310 Creative Writing with Hypertexts
WRTG 4320 Rhetoric & Cross-Cultural Communication
WRTG 4324 Topics in Creative Writing
WRTG 4340 Teaching Creative Writing
WRTG 4370 Exemplary Studies Senior Thesis
WRTG 4371 Novel Writing Workshop
WRTG 4380 Directed Study in Writing
WRTG 4381 Special Topics in Writing
WRTG 4385 Internship in Writing
PRLS 3310 Writing for Public Relations
MCOM 2300 Beginning Reporting and Editing
ENGL 3312 Modern Grammars

[2.1.2] Major in Creative Writing (36 hours)

Required courses (24 hours):

WRTG 2310 Introduction to Creative Writing
WRTG 3305 Writing for New Technologies
6 hours WRTG "Forms" courses (WRTG 3320, 3325, 3330, 3331, 3335, or 3345)
6 hours WRTG "Workshop" courses (WRTG 3370, 3371, 3372, 3373, 3374, 3375, 3376 or 3377)
6 hours WRTG "Topics" courses (WRTG 4310, 4324 or 4340)

Creative Writing Electives (12 hours chosen from the following):

WRTG 2315 Introduction to Dramatic Writing
WRTG 3320 Forms of Scriptwriting
WRTG 3325 Forms of Poetry
WRTG 3330 Forms of Creative Nonfiction
WRTG 3331 Forms of Illustrated Narrative
WRTG 3335 Forms of Fiction
WRTG 3370 Poetry Workshop
WRTG 3371 Fiction Workshop
WRTG 3372 Creative Nonfiction Workshop
WRTG 3373 Illustrated Narrative Workshop
WRTG 3345 Forms of Writing For Children
WRTG 3374 Travel Writing Workshop
WRTG 3375 Writing for Children Workshop
WRTG 3376 Screenwriting Workshop
WRTG 3377 Genre Fiction Workshop
WRTG 4310 Creative Writing with Hypertexts
WRTG 4324 Topics in Creative Writing
WRTG 4340 Teaching Creative Writing
WRTG 4371 Novel Writing Workshop

Other Writing Electives:

LING 2320 Introduction to Linguistics
LING 3315 Semantics

WRTG 2325 Introduction to Rhetoric
WRTG 3301 Rhetoric and Composition
WRTG 3310 Technical Writing
WRTG 3315 Teaching and Tutoring Writing
WRTG 3340 Writing Acquisition: Theory and Practice
WRTG 3345 Forms of Writing For Children
WRTG 4320 Rhetoric and Cross-Cultural Communication
WRTG 4380 Directed Study in Writing
WRTG 4381 Special Topics in Writing
WRTG 4385 Internship in Writing

Introduction to Creative Writing (WRTG 2310) is a prerequisite to taking upper-division creative writing classes. A genre-appropriate forms class (WRTG 3320-3345) must be take before enrolling in a corresponding workshop class (WRTG 3370-3377). Before enrolling in a senior-level course, a student must complete nine hours of creative writing courses in the major.

[2.1.3] Major in Linguistics (36 hours)

Core (18 hours):

Required courses (15 hours)

LING 2320 Introduction to Language and Linguistics
LING 3315 Semantics
LING 3325 Sociolinguistics
LING 4345 Analytical Methods of Morphology and Syntax
LING 4350 Phonology

One course from the following:

ENGL 4360 History and Structure of the English Language
PHIL 4330 Philosophy of Language
LING 4355 Special Topics in Linguistics

Students then choose from one of the following four tracks for the additional 18 hours

Track One: Language

18 hours in one language (Spanish, French, German, Chinese) beyond the language requirement for the bachelor of arts degree

Track Two: Teaching English to Speakers of Other Languages (TESOL)

Required courses (12 hours):

LING/WLAN 2350 World Languages
WLAN 4315 Methods of Teaching Second Languages
WLAN 4325 Second Language Acquisition
LING 4330 Linguistics for Educators

Any two of the following:

WRTG 4320 Rhetoric and Cross-Cultural Communication
SPTH 2322 Applied Phonetics
WLAN 4330 Second Language Assessment
ENGL 3335 Language and Grammar Studies
ENGL 4360 History and Structure of the English Language

Track Three: Computer Science

Required courses (14 hours):

CSCI 1470 Computer Science I
CSCI 1480 Computer Science II
CSCI 2320 Data Structures
CSCI 3345 Human Computer Interaction

or

CSCI 3370 Principles of Programming Languages

Four hours of electives chosen in consultation with the major advisor

Track Four: General Linguistics

Choose 18 hours from among the following courses:

LING 2350 World Languages
LING 4330 Linguistics for Educators
LING 4355 Special Topics in Linguistics* (may be repeated up to three times with different topics
LING 4360 Historical Linguistics
LING 4370 Field Methods in Linguistics
ENGL 3315 Gender and Language
ENGL 4360 History and Structure of the English Language
PHIL 2310 Introduction to Logic
PHIL 4330 Philosophy of Language
PSYC 3325 Cognitive Psychology
SPTH 2322 Applied Phonetics
SPTH 3300 Phonological Acquisition (prerequisite for linguistics majors: SPTH 2322)
SPCH 3303 Gender Communication
SPTH 3320 Language Disorders in Children (prerequisite for linguistics majors: SPTH 2322)
SPTH 3321 Normal Language Acquisition (prerequisite for linguistics majors: SPTH 2322)

[2.1.4] Minor in General Writing (24 hours)

Required courses (18 hours):

LING 2320 Introduction to Linguistics (prerequisite WRTG 1320)
WRTG 2310 Introduction to Creative Writing (prerequisite: WRTG 1320)
WRTG 2325 Introduction to Rhetoric
WRTG 3310 Technical Writing (prerequisite: WRTG 1320 and at least junior standing)
One creative WRTG forms course (prerequisite: WRTG 2310)
One uppder-division linguistics course

Elective (6 hours chosen from the following):

LING 3315 Semantics
LING 3325 Sociolinguistics
LING 4320 Grammatical Structures (prerequisite LING 2320)
LING 4330 Linguistics for Educators (prerequisite WRTG 1320)
LING 4345 Analytical Methods of Morphology and Syntax (prerequisite WRTG 2320 or permission of instructor)
LING 4350 Phonology (prerequisite: WRTG 2320 or permission of instructor)
LING 4355 Special Topics in Linguistics (prerequisite: WRTG 2320 or permission of instructor)
LING 4360 Historical Linguistics
LING 4370 Field Methods in Linguistics
Any creative writing *forms* course (prerequisite: WRTG 2310)
Any creative writing *workshop* (prerequisite: WRTG 2310 and the appropriate froms course)
WRTG 2315 Introduction to Dramatic Writing
WRTG 3305 Writing for Digital Media I (prerequisite: WRTG 1320)
WRTG 3306 Writing for Digital Media II (prerequisite: WRTG 3305)
WRTG 3307 Introduction to Editing (prerequisite: at least junior standing)
WRTG 3315 Teaching and Tutoring Writing
WRTG 4180/4280/4380 Directed Study in Writing (variable credit 1-3 hours)
WRTG 4305 Contemporary Composition (prerequisite: WRTG 1320)
WRTG 4306 Writing for Digital Media III (prerequisite: WRTG 3306)
WRTG 4307 Practical Rhetoric (prerequisite: WRTG 2325 or permission of the instructor)

WRTG 4308 Writing for Change (prerequisite: at least junior standing or permission of the instructor)
WRTG 4309 Introduction to Publishing (prerequisite: WRTG 3305)
WRTG 4320 Rhetoric and Cross-Cultural Communication (prerequisite: WRTG 1320)
WRTG 4324 Topics in Creative Writing (prerequisite: WRTG 2310 and completion of six hours of upper-division creative writing courses
WRTG 4340 Teaching Creative Writing (prerequisite: WRTG 2310)
WRTG 4381 Special Topics in Writing (prerequisite: senior status and writing major or minor)
WRTG 4385 Internship in Writing (prerequisite: WRTG 1310, 1320, one 3000 level writing course, and consent of department chair)
SPCH 3312 Persuasion (prerequisite: SPCH 1300 or consent of instructor)
SPCH 4311 Evolution of Rhetorical Theory (prerequisite: SPCH 1300)

[2.1.5] Minor in Creative Writing (24 hours)

Required courses (15 hours):

WRTG 2310 Introduction to Creative Writing
WRTG 3305 Writing for New Technologies
3 hours WRTG "Forms" course (WRTG 3320, 3325, 3330, 3331, 3335, or 3345)
3 hours WRTG "Workshop" course (WRTG 3370, 3371, 3372, 3373, 3374, 3375, 3376, or 3377)
WRTG 4324 Topics in Creative Writing

Electives (9 hours) from the following:

WRTG 2315 Introduction to Dramatic Writing
WRTG 3320 Forms of Scriptwriting
WRTG 3325 Forms of Poetry
WRTG 3330 Forms of Creative Nonfiction
WRTG 3331 Forms of Illustrated Narrative
WRTG 3335 Forms of Fiction
WRTG 3345 Forms of Writing For Children
WRTG 3370 Poetry Workshop
WRTG 3371 Fiction Workshop
WRTG 3372 Creative Nonfiction Workshop
WRTG 3373 Illustrated Narrative Workshop
WRTG 3374 Travel Writing Workshop
WRTG 3375 Writing for Children Workshop
WRTG 3376 Screenwriting Workshop
WRTG 3377 Genre Fiction Workshop
WRTG 4310 Creative Writing with Hypertexts
WRTG 4324 Topics in Creative Writing
WRTG 4340 Teaching Creative Writing
WRTG 4371 Novel Writing Workshop
WRTG 4380 Directed Study in Writing
WRTG 4385 Internship in Writing

Professional Writing and Linguistics :

LING 2320 Introduction to Linguistics
LING 3315 Semantics
WRTG 3301 Rhetoric and Composition
WRTG 3310 Technical Writing
WRTG 3315 Teaching and Tutoring Writing
WRTG 4381 Special Topics in Writing

Introduction to Creative Writing (WRTG 2310) is a prerequisite to taking upper-division creative writing classes. A genre-appropriate forms class (WRTG 3320-3345) must be taken before enrolling in a corresponding workshop class (WRTG 3370-3377). Before enrolling in a senior-level course, a student must complet nine hours of creative writing courses in the major.

[2.1.6] Minor in Linguistics (24 hours + sophomore level foreign language course)

Required courses (12 hours):

LING 2320 Introduction to Linguistics
LING 3315 Semantics
LING 3325 Sociolinguistics
LING 4345 Analytical Methods of Morphology and Syntax **or** LING 4350 Phonology

Electives (12 hours):

LING 2350 World Languages
LING 4330 Linguistics for Educators
LING 4345 Analytical Methods of Morphology and Syntax
LING 4350 Phonology
LING 4355 Special Topics in Linguistics
LING 4360 Historical Linguistics
LING 4370 Field Methods in Linguistics
ENGL 3335 Language & Grammar Studies
ENGL 3315 Gender and Language
ENGL 4360 History and Structure of the English Language
SPCH 3303 Gender Communication
PSYC 3325 Cognitive Psychology
WLAN 4325 Second Language Acquisition
WLAN 4330 Second Language Assessment
PHIL 2310 Introduction to Logic
PHIL 4330 Philosophy of Language
SPTH 2322 Applied Phonetics
SPTH 3300 Phonological Acquisition (Prerequisite SPTH 2322)
SPTH 3320 Language Pathologies in Children (Prerequisite SPTH 2322)
SPTH 3321 Acquisition and Development of Normal Speech and Language (Prerequisite SPTH 2322)
FREN 3300 or GERM 3300 or SPAN 3300 Advanced Grammar and Composition I
FREN 3303 or GERM 3303 or SPAN 3303 Advanced Grammar and Composition II
FREN 4350 Advanced Conversation and Phonetics
GERM 4350 German Grammar and Phonetics
SPAN 4350 Advanced Grammar and Phonetics

[2.1.7] Minor in Professional Writing (24 hours)

Required courses (15 hours):

WRTG 2325 Introduction to Rhetoric
WRTG 3305 Writing for Digital Media I
WRTG 3306 Writing for Digital Media II
WRTG 3310 Technical Writing
WRTG 390 Discourse Analysis

Electives (9 hours) from the following:

WRTG 3307 Introduction to Editing
WRTG 4306 Writing for Digital Media III
WRTG 4307 Practical Rhetoric
WRTG 4308 Writing for Change: Advocacy Writing
WRTG 4309 Introduction to Publishing
WRTG 4385 Internship in Writing

[3] Resources

[3.1] The UCA Writing Center

The UCA Writing Center, located in Thompson Hall 109, http://www.uca.edu/writingcenter, offers individual assistance with all types of writing and oral

presentations. Students may schedule time with a trained writing or speech communication assistant and use the center's computers, video cameras, and writing materials to develop essays or presentations for any course at the university. The center also provides handouts explaining documentation styles, common problems in college writing, and electronic research. Call 450-5123 for appointments.

[3.2] The Great Bear Writing Project of Central Arkansas

The Gret Bear Writing Project of Central Arkansas is one of three Arkansas sites of the National Writing Project, a federally funded program that seeks to improv student writings in grades K-12. It has been recognized by the American Association for Higher Education and the Carnegie Foundation for the Advancement of Teaching as an "outstanding and nationally specific example of how schools and colleges can collaborate to improve American education." Each year the site offers a four-week invitational summer writing institute for K-12 teachers across subject matter areas during which they study contemporary composition theo experience of the act of writing, devise effective pedagogy, and earn 6 graduate credits. Graduates of this institute become teacher-consultants able to provide in-service workshops to local educators in teaching writing-across-the-curriculum and join a network of colleagues who meet regularly to renew and update skills and knowledge.

[3.3] The Artists in Residence Series

The Central Arkansas Writing Arts Series invites four to six distinguished writers to the campus each year. Visiting writers conduct workshops for students interested in creative writing and perform readings open to the community.

[4] Courses in Writing (WRTG)

Follow this link to WRTG course descriptions: course link

Follow this link to LING course descriptions: course link

College of Health and Behavioral Sciences

Dean and Professor: Dr. Hattlestad, 450-3122
Associate Dean and Professor: Dr. Rainey, 450-3123

[1] Mission

The College of Health and Behavioral Sciences is dedicated to the enhancement of the health and well-being of the public through the preparation of professionals, the development and advancement of knowledge and service to its constituencies. Exception undergraduate and graduate programs are offered i an environment that emphasizes leadership development, cultural competence, ethical practice, lifelong learning, and interdisciplinary collaboration. The achievement of a culturally bias free learning environment that honors diversity is central to all of our programs.

[2] Departments

Communication Sciences and Disorders
Family and Consumer Sciences
Health Sciences
Kinesiology and Physical Education
Military Science and Leadership
Nursing
Occupational Therapy
Physical Therapy
Psychology and Counseling

[3] Curricula

Bachelor of Arts (BA)

Psychology
Interior Design

Bachelor of Science (BS)

Addiction Studies
Athletic Training
Family and Consumer Sciences
Health Education
Health Sciences (emphasis in Gerontology, Health Services Administration, Occupational Therapy, and Physical Therapy)
Interior Design
Kinesiology
Medical Technology
Nuclear Medicine Technology
Nutrition
Psychology
Radiography
Speech-Language Pathology

Bachelor of Science in Education (BSE)

Family and Consumer Sciences Education
Kinesiology and Physical Education

Bachelor of Science in Nursing (BSN)

Bachelor of Professional Studies (BPS)

The BPS offers tracks in (1) Health and Safety and (2) Leadership and Technology

Minors

Addiction Studies

Family and Consumer Sciences
Gerontology
Health Education
Kinesiology and Physical Education
Military Science
Psychology

Master of Science (MS)

Community Counseling
Counseling Psychology
Health Sciences
Family and Consumer Sciences: general, dietetics/nutrition, clothing, textiles and fashion
Kinesiology: fitness, pedagogy, and sport leadership
Occupational Therapy (entry-level)
School Psychology
Speech-Language Pathology

Master of Science in Nursing (MSN)

The MSN program includes advanced nursing practice and nurse educator tracks.

Doctoral Degrees

Doctor of Physical Therapy (DPT) (professional and post-professional)
Doctor of Philosophy in Communication Sciences and Disorders (PhD)
Doctor of Philosophy in Physical Therapy (PhD)
Doctor of Philosophy in School Psychology (PhD) (also Counseling Psychology Emphasis)

Non-Degree Programs

Pre-Cardio Respiratory Care
Pre-Dental Hygiene
Military Science

Department of Family and Consumer Sciences

Chair and Professor: Dr. Harlan, 450-5950
Associate Professor: Dr. Shock
Assistant Professors: Dr. Bennett, Dr. Roofe, Dr. Ryburn
Instructors: Dr. Bryan, Ms. Head, Ms. Poole, Ms. Whitehead

[1] Purposes

The family and consumer sciences programs at the baccalaureate and master's levels are designed to prepare professionals for employment in broad career options. Graduates are employed in business, education, healthcare facilities, industry, government, community agencies, and other organizations.

The focus of family and consumer sciences is on the individual, the family, and the interaction between families and their changing social and physical environments. The curriculum provides professional preparation built upon an interdisciplinary knowledge base drawn from research in family and consumer sciences; the arts; and the biological, physical, and social sciences.

The Bachelor of Science degree in family and consumer sciences has three options. The student may select a specialization in interior design, dietetics, or general family and consumer sciences. Licensure for teaching family and consumer sciences in secondary schools is earned with the BSE degree.

The Master of Science degree in family and consumer sciences has three specialization tracks including nutrition and foods; clothing, textiles, and fashion; and family and consumer sciences. The graduate student may select the thesis or non-thesis option. The undergraduate dietetic program and the graduate dietetic internship program are accredited by the Commission on Accreditation of the American Dietetic Association.

[2] The Honors Program in Family and Consumer Sciences

Junior and senior students majoring in family and consumer sciences who demonstrate exceptional interest and ability may be invited to enter the honors program. This program is designed to introduce the student to research methods in one of the specialization areas of family and consumer sciences. In addition to the planned curriculum, the student will enroll in FACS 4301 Research in Family and Consumer Sciences and will conduct an investigation of a topic approved by the instructor. The resulting research paper will be evaluated by at least three members of the FACS faculty.

[3] Baccalaureate Degree Programs

[3.1] Bachelor of Science

The degree of Bachelor of Science, with a major in family and consumer sciences, nutrition or interior design, requires successful completion of a minimum of 120 hours, including (1) the general education component, (2) degree requirements, (3) family and consumer sciences requirements, and (4) supporting requirements. No minor is required.

[3.1.1] Nutrition (54 hours)

The Didactic Program in Dietetics (DPD) at the University of Central Arkansas is accredited by the Commission on Accreditation of the American Dietetic Association.

Major requirements: NUTR 1300, 2310, 2311, 3350, 3370, 3380, 3390, 4301, 4315, 4321, 4325, 4335, 4351, 4374, 4395; and FACS 2341, 3311 and 3372.

Supporting requirements to meet the academic requirements of the American Dietetic Association: PSYC 1300 and 2330; CSCI 1300 or substitute computer course; FACS 3456; CHEM 1402 and 2450; SOC 1300; BIOL 2405 and 2411 or substitute courses approved by department chair. A minor is not required for th dietetics emphasis.

Eligibility to take the registration exam of the American Dietetic Association requires the BS degree plus completion of an approved internship. Contact the department chair for further information.

[3.1.2] Interior Design (51 hours)

The Interior Design program is accredited by the Council for Interior Design Accreditation (formerly FIDER) and the National Association of Schools of Art and Design.

Major requirements (51 hours): IDSN 2390, 2391, 2392, 3300, 3305, 3315, 3325, 3335, 3340, 3341, 3365, 3375, 4305, 4320 and 4600, FACS 2360. Grade o "C" or better required in these courses.

Select 2 courses (6 hours) from the following: NUTR 1300, FACS 1370, 2351, 3361, or 3372.

Supporting requirements (9 hours): ART 1310, 2312, IDSN 3350 or 3355 or substitute courses approved by department chair.

[3.1.3] General Family and Consumer Sciences (43 hours)

Major requirements: NUTR 1300, 2310, 2311, 3370, 3380, 4315, 4395; IDSN 2390, 3300; FACS 2341, 2360, 3311, 3318, 3360, 3361, 3372, 3456, 4301, 4355, 4600, or substitute courses approved by department chair.

[3.2] Bachelor of Science in Education

The degree of Bachelor of Science in Education, with a major in family and consumer sciences, requires successful completion of (1) the general education component, (2) degree requirements, (3) family and consumer sciences requirements, and (4) supporting professional education requirements. No minor is required.

[3.2.1] Family and Consumer Sciences (43 hours)

Major requirements: NUTR 1300, 2310, 2311, IDSN 2390, 3300, FACS 1370, 2341, 2351, 2360, 3311, 3318, 3360, 3361, 3372, 3456.

Supporting requirements (Professional Education, 33/35 hours): EDUC 1300, Computer Competency Test or EDUC 1240; EDUC 3309 and 3321; MSIT 3310 and 4305; FACS 4350, 4355, 4680 and 4681.

[3.3] Bachelor of Arts

The degree of Bachelor of Arts, requires successful completion of a minimum of 120 hours, including (1) the general education component, (2) degree requirements, (3) family and consumer sciences requirements, (4) interior design requirements, (5) supporting requirements, and (6) completion of foreign language requirement at the 2000 level or above. No minor is required.

[3.3.1] Interior Design (51 hours)

The Interior Design program is accredited by the Council for Interior Design Accreditation (formerly FIDER) and the National Association of Schools of Art and Design.

Major requirements (51 hours): IDSN 2390, 2391, 2392, 3300, 3305, 3315, 3325, 3335, 3340, 3341, 3365, 3375, 4305, 4320 and 4600, FACS 2360. Grade o "C" or better required in these courses.

Select 2 courses (6 hours) from the following: NUTR 1300, FACS 1370, 2351, 3361, or 3372.

Supporting requirements (9 hours): ART 1310, 2312, IDSN 3350 or 3355.

[3.4] Minor in Family and Consumer Sciences (18 hours)

Eighteen hours of family and consumer sciences, nutrition or interior design courses, 3 hours of which must be upper-division, may be selected from various areas of family and consumer sciences and approved by the department chair. The minor is offered for students who desire family and consumer sciences for cultural and personal value or for supporting work for a related major.

[4] Dietetic Internship

The dietetic internship is a supervised dietetic practice and study program accredited by the Commission on Accreditation by the American Dietetics Association The dietetic internship meets performance requirements for eligibility to write the ADA registration exam to become a registered dietitian. The internship is to b completed in two summers. The first year includes 12 weeks of instruction in community nutrition and administrative dietetics. Summer school during the seco year includes 12 weeks in therapeutic nutrition. Practice sites include various health care facilities in the central Arkansas area.

Dietetic Internship Entrance Requirements:

- Baccalaureate degree.
- Statement of certification regarding completion of American Dietetic Association approved didactic program in dietetics.
- Official transcript(s) of course work from all colleges and universities attended.
- Minimum of 3.0 GPA (on a 4.0 scale).
- Work experience in nutrition-related area.
- Completed dietetic internship application. (see internship application on department website Dietetic_Internship_Program_Application)

[5] Master's Degree

See *Graduate Bulletin*.

[6] Courses in Family and Consumer Sciences (FACS)

[6.1] Nutrition and Food Sciences Courses

Follow this link for NUTR – Nutrition and Food Sciences course descriptions: course link.

[6.2] Textiles and Clothing Courses

Follow this link for FACS – Textiles and Clothing course descriptions: course link.

[6.3] Child and Family Life Courses

Follow this link for FACS – Child and Family Life course descriptions: course link.

[6.4] Consumer Education and Resource Management Courses

Follow this link for FACS – Consumer Education and Resource Management course descriptions: course link.

[6.5] Family and Consumer Sciences Education

Follow this link for FACS – Family and Consumer Sciences Education course descriptions: course link.

[6.6] Interior Design Courses

Follow this link for IDSN – Interior Design course descriptions: course link.

[6.7] General Courses

Follow this link for FACS – General course descriptions: course link.

Department of Health Sciences

Chair and Associate Professor: Dr. Fox, 450-3194
Professor: Dr. Hubbard, Dr. Elphingstone
Associate Professors: Dr. Rainey
Assistant Professor: Dr. Taylor

[1] Purposes

The basic aims of the Department of Health Sciences are to (1) contribute to the general health promotion and education of all students and (2) provide advisement/counseling, comprehensive professional preparation, and foundation courses designed to prepare students for careers as health-care professionals, health educator, health promotion directors, and coordinators in private or community settings.

[2] Baccalaureate Degree Programs

[2.1] Bachelor of Science in Health Education

The Bachelor of Science degree with a major in community health education requires successful completion of 120 hours, including (1) the general education component, (2) degree requirements, and (3) major courses as listed below.

Note: Admission to the Bachelor of Science degree program, with a major in community health education, requires an overall GPA of 2.3 (on a 4.0 scale). However, enrollment in health sciences intership (HSCI 4600) requires an overall GPA of 2.5.

[2.1.1] Major in Health Education

Health Education Requirements (36 hours): H ED 3300, 3301, 3320, 4300, 4320, 4331, 4370, 4600; (9 hours) to be selected from the following approved by th major advisor: H ED 2201, 2320, 3305, 3315, 4301, 4302, 4303, 4312, 4343.

[2.1.2] Prevention Emphasis

Health Education Requirements (34 hours): H ED 3120, 3300, 3301, 3315, 3320, 4300, 4301, 4302, 4312, 4331, 4600; 6 hours from the following: H ED 232 3305, 4301 or 4302, 4343, 4370.

Related Requirements (11 hours) : BIOL 2405, 2411, MKTG 4360 or 4361.

[2.1.3] Health Occupations Option

Health Education Requirements (31 hours): H ED 3300, 3305, H SC 4210, 4600; 12 hours to be approved by major advisor.

Related Requirements (17 hours): BIOL 2405, 2411, and 9 hours selected with consent of advisor.

[2.1.4] Minor in Health Education

This minor is coupled with the P-8, 7-12 Bachelor of Science Kinesiology and Physical Education major. For more information, contact the chair of the Department of Health Sciences (450-3194) or the chair of the Department of Kinesiology and Physical Education (450-3148).

Health Education Requirements (23 hours): H ED 2201, 2320, 3300, 3301, 3305, 4303, 4312, 4331.

Related Requirements (8 hours): BIOL 2405, 2411.

[2.2] Bachelor of Science in Health Sciences

Degree requirements include successful completion of a minimum of 120 hours, including (1) the general education component, (2) degree requirements, (3) th health sciences core, and (4) one of the emphases in health sciences. Because of the number of hours included in the health science major, no minor is required

Health Science Core (15 hours): BIOL 2405 or 2406 or 2407, CHEM 1450 or 1402, PHYS 1405, and Statistics (SOC 2321 or PSYC 2330 or MATH 2311).

[2.2.1] Gerontology Emphasis

Degree Requirements (30 hours): H ED 2310, 4310, 4390, 4600; PSYC 3360, 4352; SOC 3381, 4331, 4334.

Related Requirements (23 hours): MIS 2343 (formerly INFO 2343); CHEM 1402; BIOL 4351; H SC 3123; H ED 3320, 4331, 4343, 4370.

Electives (9 hours): PHIL 1320, 4350; SOC 3361, 4322, 4351; ACCT 4325; H ED 2320, 3305, 4301, 4312.

[2.2.2] Health Services Administration Emphasis

Degree Requirements (46 hours): BIOL 2405 and 4 hours of BIOL electives; CHEM 1402 and 1403 or CHEM 1450 and 1451; PHYS 1410 and 1420; H SC 3123; PSYC 1300; BIOL 4311, 4351; H SC 4600; H ED 3315, 4301.

Related Requirements (23 hours): MIS 2343; ECON 2320, 2321; ACCT 2310, 2311; FINA 3330; MGMT 3340; MKTG 3350, and a basic statistics course must be completed prior to enrollment in upper-division courses.

Electives (6 hours): approved H ED courses.

[2.2.3] Occupational Therapy Emphasis

The curriculum leading to the Bachelor of Science in health sciences, occupational therapy emphasis, requires 25 hours of prerequisite coursework. In addition t general education requirements and 54 hours in the major. A total of 126 hours are required for the degree. For more information, see the **Occupational Therapy section** in this bulletin.

[2.2.4] Physical Therapy Emphasis

Degree Requirements (54 hours): BIOL 2406, 2407, 3450, 3370, BIOL elective (2411 or 4311 or 4351); CHEM 1451 or 2450; PHYS 1420; PSYC elective; CSCI 1300 or MIS 2343 (formerly INFO 2343); H SC 3123, WRTG 3310.

Guided Electives (21 hours): Choose 7 courses from the following list: H ED 3305, 3320, 4300, 4301, 4302, 4312, 4343, 4395; KPED 3311, 4300; MGMT 3305 3315; NUTR 3370, 4315; PSYC 3325, 3350, 3351, 3360, 4320, 4325; SOC 3310, 3350, 3361, 3381, 4331, 4335, 4343.

Additional Electives (13 hours): The Bachelor of Science Degree with a major in Health Sciences - Physical Therapy Emphasis requires a total of 124 semester credit hours, of which 40 credit hours must be upper division.

[2.2.5] Minor in Gerontology (21 hours)

The minor in gerontology requires the completion of 21 credit hours in approved courses. The minor offers an interdisciplinary perspective of the study of the aged and the aging process and is designed for students with a general interest in aging or those considering a career which involves working with the aged.

Core Courses (15 hours minimum): H ED 2310, 4310, 4390; SOC 4331; one course from the following: SOC 3381; PSYC 3360, PSYC 4352.

Electives (6 hours minimum): H SC 3123; H ED 4331, 4343; BIOL 4351; SOC 4334. Other electives may be approved with prior consultation with the gerontolo program advisor or the department chair.

[2.3] Bachelor of Science in Addiction Studies

The Bachelor of Science in Addiction Studies is the only undergraduate degree program of its kind in Arkansas. The degree has two tracks: Prevention and Treatment. The degree requires successful completion of 120 hours including (1) the general education component, (2) degree requirements, and (3) major courses as listed below.

[2.3.1] Core Courses and Related Requirements

Both tracks required the following core courses (9 hours): H ED 2320, H ED 3315, H ED 4312. Related requirements for the Prevention and Treatment tracks ar PSYC 2330, PSCY 3332, PSYC 4320, BIOL 2405, and a biology elective.

[2.3.2] Prevention Track

Requirements for the Prevention track include H ED 2201, H ED 3120, H ED 3301, H ED 3320, H ED 4300, H ED 4331, H ED 4370, H ED 4600.

Remaining credits (22) may be selected for a declared minor or from recommended courses selected in consultation with the departmental advisor.

[2.3.3] Treatment Track

Requirements for the Treatment track include H ED 2201, H SC 2310, H SC 2320, H SC 2330, H SC 3310, H SC 3320, H SC 3330, H SC 4610. One of the following courses can also be chosen for the Treatment track: PSYC 2370 or PSYC 4300.

Remaining credits (18) may be selected for a declared minor or from recommended courses selected in consultation with the departmental advisor.

[2.3.4] Minor in Addiction Studies - Treatment Track

The minor in addiction studies requires successful completion of 18 hours of course work, including the following:

HSC 2310 Addication Counseling: Theory and Practice

HSC 2320 Addications: Assessment, Intervention and Treatment Planning

HSC 2330 Etiology and Epidemiology of Addiction

HSC 3310 Group Counseling Skills

HSC 3320 Legal and Ethical Issures in Addictions

HSC 3330 Family Systems and Addiction

This is an appropriate minor for any student majoring in a health, behavioral or social science field. Any student graduating with a degree in any of these fields would enhance their employment potential by having a minor in Addiction Studies. Students with a minor in Addiction Studies would be qualified for entry level addiction treatment positions in residential treatment facilities, the criminal justice system, drug courts, outpatient substance abuse treatment facilities in addition to positions in other fields that involve potential contact with a chemically dependent clientele. In addition to increasing employability, it would also provide the student the opportunity to serve the greater good by providing them with the tools to assist those afflicted with the disease of addiction.

[2.4] Bachelor of Professional Studies

The Bachelor of Professional Studies (BPS) program offers associate degree holders in the areas of health and technology the opportunity to increase knowledge and leadership skills and to enhance career opportunities. A total of 120 credits (with 40 of upper-division courses) must be completed, including the transfer a maximum of 60 credits from an associate degree program. The curriculum is designed to facilitate completion of remaining general education requirements and a set of core courses in one of the two areas of concentration: (1) **Health and Safety** and (2) **Leadership and Technology**. Following is a list of some of th associate degree programs that would prepare students for transfer to the BPS degree program (the list is not all-inclusive): AAS degrees in cardiopulmonary technology; computer information systems, computer information science, computer information systems technology, computer electronics technology, dental hygiene, emergency medical services, environmental/safety technology, medical laboratory technology, health information management, paramedics, respiratory therapy, and respiratory care.

[2.4.1] Core Courses (12 credits)

MGMT 2341 Principles of Management *or* MGMT 2350 Basic Marketing

SPCH 3301 Organizational Communication

H ED 3310 Fundamentals of Occupational Health

WRTG 3310 Technical Writing

[2.4.2] Professional Development Concentrations

Concentration in Leadership & Technology

Required Courses (18 credits): MGMT 3315 Diversity/Multicultural Communication, MIS 3321 Managing Systems and Technology, SPCH 3303 Gender Communication, SPCH 3307 Interpersonal Communication, MIS 3328 Systems Analysis and Design, MIS 3363 Telecommunications and Computer Networks.

Upper Level Electives (11 credits to be selected with the consent of the program advisor): MGMT 3310 Entrepreneurship, INSU 3315 Life and Health Insurance INSU 3324 Risk and Insurance, PSYC 3311 Psychology of Business and Industry, MCOM 3305 Publication Design and Makeup, MGMT 3300 Labor/Management Relations, MGMT 3342 International Business, MGMT 3346 Personnel/Human Resource Management, MGMT 3349 Small Business Managment, MGMT 3350 Compensation Administration.

Concentration in Health and Safety

Required Courses (18 credits): BMED 3370 Introduction to Industrial Safety, H ED 4300 Community Health, H ED 4343 Health Strategies for Multicultural Populations, H ED 4370 Administration of Health Programs, H ED 4600 Health Sciences Internship.

Upper Level Electives (11 credits to be selected with consent of program advisor): H ED 3315 Theory & Practice of Prevention, H ED 3120 Prevention Practicum H SC 3120 Medical Terminology, H SC 4210 Principles of Patient Care, H ED 4301 Health Education in the Medical Care Setting, H ED 4301 Health Education in the Worksite, H SC 4305 Technology Applications in the Health Sciences, PHIL 4350 Health Care Ethics, MKTG 4360 Health Care Marketing, MKTG 4361 Marketing Planning for Health Care Organizations, NURS 4325 Alternative & Complementary Health Care, H SC 4320 Health Promotion Interventions.

[3] Master's Degree

See Graduate Bulletin.

[4] Courses in Health Education (H ED)

Follow this link for H ED course descriptions: course link.

[5] Courses in Health Sciences (H SC)

Follow this link for H SC course descriptions: course link.

Department of Kinesology and Physical Education

Chair and Associate Professor: Dr. Howell, 450-3148
Professors: Dr. Hattlestad
Assistant Professors: Dr. Bruenger, Dr. Gallagher, Dr. Parker, Dr. Tucker
Clinical Instructors: Mr. Crawford, Dr. Douglas, Ms. Epping, Mrs. Eskola, Mr. Hervey, Mr. Hornor, Mrs. Martinez, Ms. Moore, Ms. Schuckman, Mrs. Sessum, Mr. Strickland, Ms. Whittaker, Mrs. Wilcox

[1] Purposes

The objectives of the instructional program of the Department of Kinesiology and Physical Education are separated into two areas of responsibility:

1. The department contributes to the general education of all students in the university through courses designed to establish a program of activity with primary emphasis on the development of lifetime physical fitness and knowledge and appreciation of movement, games, and sports.
2. Professional preparation at the undergraduate and graduate levels is provided for students desiring to (a) teach physical education and/or coach within t public schools, (b) serve as athletic trainers, or (c) work in the corporate/community fitness sector or recreational agencies.

[2] Baccalaureate Degree Programs

[2.1] Major Programs

Follow these links for information about the department's baccalaureate degree programs:

- Bachelor of Science in Education (BSE), with a Major in P-8 and 7-12 Physical Education - Teacher Education (PETE) (124 hours minimum)
- Bachelor of Science (BS) in Kinesiology and Physical Education, with a major in P-8 and 7-12 Physical Education (133 hours minimum)
- Coaching Program of Study
- Bachelor of Science (BS) in Kinesiology
- Bachelor of Science (BS) in Athletic Training

[2.2] Minor in KPED

Note: The Bachelor of Science in Education minor, with an emphasis offered at the secondary level, is currently under review and revision. For further information, contact the Chair of the Department of Kinesiology and Physical Education 450-3148.

[3] Master's Degree Program

See *Graduate Bulletin*.

[4] Courses Offered by the Department of Kinesiology and Physical Education

Follow these links to course descriptions:

- Activity Courses (KPED)
- Courses in Kinesiology and Physical Education (KPED)

Bachelor of Science in Education, Major in P-8 and 7-12 PE

[1] Bachelor of Science in Education

The degree of Bachelor of Science in Education, with a major in P-8 and 7-12 Kinesiology and Physical Education, requires successful completion of a 134 hour including (1) the general education component, (see: http://www.uca.edu/ubulletin/02/207); (2) core and major requirements (3) EDUC 1300 and 3309 (see: http://uca.edu/ubulletin/04/40201), and (4) a 23-hour required minor in health education with an emphasis in P-8 and 7-12 school health (see below). Upon successful completion of the Physical Education-Teacher Education (PETE) Program, teacher candidates will be recommended to the Arkansas Department of Education for the initial teaching license.

The minor is under the direction of the teacher candidate's minor advisor. General education courses do not count toward the required hours for the major. A grade of C or better is required in all kinesiology courses. The PETE Program is an admissions program.

H ED Minor Courses (23 hours): H ED 2201, 2320, 3300, 3301, 3305, 4303, 4312, and 4331.

[1.1] Major in P-8 and 7-12 Physical Education - Teacher Education (PETE)

KPED Core Curriculum (17 hours): KPED 2381, 3382, 4230, 4300, 4320, and 4395.

P-8, 7-12 Major Requirements (41 hours): KPED 2223, 2250, 2300, 2340, 3316, 3330, 3363, 4310, 4380, 4690, 4691, 2 hours selected from the following courses KPED 1125 and 1135, KPED 2212, 2213, 2214, 2215, 2216; and 2 hours selected from 2224, 2225, 2226, or 3200.

[1.2] PETE Admission, Retention and Exit Requirements

[1.2.1] Admission

In addition to the College of Education's admission requirements (see http://www.uca.edu/education/teachereducation/programapps), Pre-PETE students must successfully complete the following PETE program admission requirements.

1. Complete a minimum of forty-five (45) credit hours with a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale.
2. Complete KPED or H ED 1320 with a grade of C or better.
3. Complete the following required courses with a grade of C or better: KPED 2224 or 2225 or 2226 or 3200 (team sports); KPED 1125 and 1135 (fitness) o 2212 or 2213 or 2214 (individual sports), 2223 (outdoor education and recreational games), 2250 (dance), 2300 and 2381. Note: pre-PETE students must demonstrate proficiency in team sports, fitness, outdoor education and recreational games and dance). Proficiency standards are included in the respective course syllabi.
4. Complete H ED 2201 with a grade of C or better. While H ED 2201 is the only required pre-admission minor course, a student's minor grade point average for admission will be calculated on all required minor courses completed.
5. Complete the following courses with a grade of C or better (BIOL 1400 or BIOL 1440, EDUC 1300, WRTG 1310, WRTG 1320, MATH 1390 or 1392 or 139 or 1491 or 1580 or 1591, and SPCH 1300.
6. Complete EDUC 1240 - Educational Technology Skills with a grade of C or better or pass the Educational Technology Competency Exam. Testing schedules and registration information for the exam, as well as a study guide and tutorials, are available (see: http://www.uca.edu/education/teachereducation/edtechcompexam).
7. Pass the PETE Fitness Test comprised of the following items: (a) 1.5 mile run, (b) sit-ups, (c) push-ups, (d) trunk flexion, and (e) body composition. Students initially complete the PETE Fitness Test while enrolled in KPED 1125 and KPED 1135. Should a student fail to pass all test items while enrolled i KPED 1125 and 1135, two fitness test administrations are given each semester and during the summer. Students should check with their academic advisors regarding testing dates, times and location.
8. Pass the PRAXIS I Pre-Professional Skills Test. The current UCA minimum pass scores are: Reading 172, Math 171, and Writing 174. Students are advise to take the PRAXIS I exam during their freshman year. Students are required to submit a copy of the entire PRAXIS I test booklet for each test taken regardless of the score earned. Admission to the program will be delayed until minimum scores on each test are achieved and documented.
9. Earn a passing score on the Developmental Portfolio by the established deadlines set by the PETE program. The required elements of the portfolio and deadlines for submission are given to students during enrollment in KPED 2300 - Principles of Kinesiology and Physical Education. Note: KPED 2300 mu be completed at UCA.
10. Maintain professional dispositions/behaviors in interactions and communications with faculty, peers, and other professionals. Professional dispositions and behaviors are evaluated in each required major course. Information regarding criteria and assessment of professional dispositions/behaviors is included in each major course syllabus.
11. Submit to recommendations supporting admission's application to the College of Education. Recommendations must be submitted by student's KPED 2300 and EDUC 1300 instructors.

Complete a successful interview and receive a positive recommendation for admission from the PETE faculty admissions committee.

Upon admission to the PETE program, teacher candidates must: Purchase a subscription to Chalk and Wire, an online system through which teacher candidates' assessments are collected, evaluated, and stored for analysis. Chalk and Wire is used by all teacher education programs. A subscription may be purchased for one year and then renewed for a subsequent year or a two-year subscription may be purchased. (see: http://uca.edu/education/teachereducation/chalkandwir

[1.2.2] Program Retention Requirements (Level I)

In addition to the College of Education's retention requirements (see: http://www.uca.edu/education/teachereducation/documents/RetentioninTeacherEducation and Level II admission requirements (see: http://www.uca.edu/education/teachereducation/intern2) to remain in good standing, PETE teacher candidates must:

1. Maintain a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale.
2. Completion of required KPED core and major courses with a grade of C or better.
3. Completion of required minor courses with a grade of C or better.
4. Complete early field experiences and internship I Teacher candidates should be knowledgeable of and adhere to the regulations and policies contained in the *Early Field Handbook* and the related policies, information, forms, and candidates' responsibilities (see: http://www.uca.edu/education/teachereducation/fielddocs).
5. Maintain a subscription to Chalk and Wire throughout enrollment in the PETE program. (see: http://www.uca.edu/education/teachereducation/chalkandwire).
6. Submit documentation of continued membership in national and student professional organizations while enrolled in the PETE program.
7. Submit documentation of participation in a minimum of three professional service activities each semester while enrolled in the PETE program.
8. Maintain professional dispositions/behaviors in interactions and communications with faculty, peers, and other professionals. Professional dispositions an behaviors are evaluated in each required major course.
9. Earn an acceptable score on the summative evaluation of the Level I performance standards based upon Teacher Performance Outcomes Assessment (TPOA) during KPED 4380 – Internship I to advance from Level I to Level II.
10. Submit a copy of each entire score report for each PRAXIS II Subject Area Tests taken regardless of the score earned. Students will submit each score report of the PRAXIS II Subject Area Tests to the KPED 4380 – Internship I instructor. A score of 144 or higher is required on the Health and Physical Education Content Knowledge Test # 0856 (paper) or Test # 5856 (computer). A score of 169 or higher is required on the Physical Education: Content and Design Test # 0095 (paper) or Test #5095 (computer). Should a teacher candidate fail to meet the passing score by the end of the term of enrollmen in KPED 4380, an X grade will be awarded. A passing score on both PRAXIS II Subject Areas Tests is required in order to enroll in KPED 4690 and 4691 – Internship II (student teaching). Note: effective January 1, 2011, teacher candidates who register for KPED 4690 and 4691 – Internship II will be assessed a $250 course fee by the College of Education. This fee will be assessed in addition to the tuition and registration fees assessed by the university. (effective – January 1, 2011).

[1.2.3] Program Exit Requirements (Level II)

In addition to the College of Education's exit requirements (see: http://www.uca.edu/education/teachereducation/programapps), teacher candidates must successfully complete the following Physical Education-Teacher Education (PETE) program exit requirements.

1. Maintain a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale.
2. Complete KPED 4690 and 4691 – Internship II with a grade of C or better.
3. Adhere to all policies and procedures outlined in the *Handbook for Internship II Candidates* (see: http://uca.edu/education/teachereducation/intern2). Requirements and criteria for success are included in the Internship II course syllabus.
4. Submit a copy of each entire score report for each Principles of Learning and Teaching (PLT) Test taken regardless of the score earned. Students must document passage of the Principles of Learning and Teaching Test by the end of the semester of enrollment in KPED 4690 and 4691. Candidates may select one of the following three PLT Tests: (a) PLT-Early Childhood Test #0621 (paper) or #5621 (computer). The minimum passing score is 157; (b) PLT Grades 5-9 Test #0623 (paper) or #5623 (computer). The minimum passing score is 160 or; (c) PLT-Grades 7-12 Test #0624 (paper) or #5624 (computer). The minimum passing score is 157. Should a teacher candidate fail to meet the passing score by the end of the semester enrollment in KPED 4690 and KPED 4691, X-grades will be awarded. Note: a candidate cannot complete the degree program until this requirement is met.
5. Earn an acceptable score on the summative evaluation of the Level II performance standards based upon Teacher Performance Outcomes Assessment (TPOA) during KPED 4690 and 4691 – Internship II and supported by the Internship II Final Portfolio.
6. Earn a passing score on the Internship II Final Portfolio submitted through Chalk and Wire. The content, grading rubric, and deadlines for submission and completion are presented during candidates' enrollment in KPED 4690 and KPED 4691 – Internship II. Should a candidate fail to meet the passing score on the final portfolio by the stipulated deadline, X grades in KPED 4690 and 4691 will be awarded.
7. Earn a passing score from the PETE faculty on the oral presentation of the Internship II Final Portfolio. Note: the oral presentation of the portfolio cannot be scheduled until a passing score on the final portfolio is achieved. Should a candidate fail to earn a passing score on the oral presentation by the end of the semester of enrollment in KPED 4690 and 4691 – Internship II, X grades will be awarded.

8. Submit a completed PETE Exit Survey to the KPED office no later than the last day of regularly scheduled classes. Exit surveys will be distributed to teach candidates by KPED 4690 and 4691 instructors. Should a candidate fail to submit the exit survey by the stipulated deadline, the candidate may not participate in the exit interview and X grades will be awarded for KPED 4690 and 4691 – Internship II until the requirement is met.
9. Participate in an exit interview conducted by the Chair of the KPED Department during finals week. Teacher candidates are notified by email regarding th specific date, time and location of the exit interview. Should a teacher candidate fail to participate in the exit interview, X grades will be awarded for KPE 4690 and 4691 – Internship II until the requirement is met.
10. Demonstrate professionalism through continued membership in the American Alliance of Health, Physical Education, Recreation and Dance (AAHPERD) an membership in at least one additional professional organization (e.g. Arkansas AHPERD).

[2] Courses in Kinesiology and Physical Education (KPED)

Follow this link to KPED course descriptions: course link.

Bachelor of Science in KPED, Major in P-8 and 7-12 PE

Students interested in teacher licensure with this degree should contact the chair of the Department of Kinesiology and Physical Education.

The degree of Bachelor of Science with a major in Kinesiology and Physical Education (P-8 and 7-12) requires successful completion of a minimum of 133 hour including (1) the general education component, (2) the degree component comprised of EDUC 1240 or passage of the educational technology test http://www.uca.edu/education/teachereducation/edtechcompexam.php, EDUC 1300 and EDUC 3309, and (3) a 23-hour required minor in health education with an emphasis in P-8 and 7-12 school health (see below). General education courses do not count toward the required hours for the major. A grade of C or better is required in all required kinesiology and physical education courses. This is an admissions program.

The minor is under the direction of the teacher candidate's minor advisor. General education courses do not count toward the required hours for the major. A grade of C or better is required in all required health education courses required in the minor.

H ED Minor Courses (23 hours): H ED 2201, 2320, 3300, 3301, 3305, 4303, 4312, and 4331.

[1.1] Major in P-8 and 7-12 Physical Education

KPED core curriculum (17 hours): KPED 2381, 3382, 4230, 4300, 4320, and 4395.

P-8, 7-12 Major Requirements (36 hours): KPED 1125 and 1135, 2203, 2223, 2201 or 2250, 2300, 2340, 3316, 3330, 3331, 3363, 4310, 4380; 4 hours selected from the following courses KPED 2212 or 2215 or 2216 or 2222 or 2224 or 2225 or 2226 or 3200. Note: students must demonstrate proficiency in team sports, outdoor education and recreational games and dance. Proficiency standards are included in the respective course syllabi.

Coaching Requirements (2 hours): One coaching course selected from KPED 3210, 3211, 3212, 3213, or 3214. Recommended elective courses for prospective coaches are KPED 2395, 3315, 3240, and 4351.

Admission: Admission to the Kinesiology and Physical Education (KPE) program is required for enrollment in designated upper-division professional kinesiology and physical education courses.

[1.2] Admission Requirements

The following minimum requirements must be met for admission to the KPED program:

1. Complete a minimum of forty-five (45) credit hours with a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale. Prior to admission, transfer students with no previous coursework at UCA must also establish a 2.5 GPA in a minimum of twelve (12) semester hours.
2. Complete KPED or H ED 1320 with a grade of C or better.
3. Complete 34 hours of pre-requisite courses with a grade of C or better: BIOL 1400 or 1410, HED 2201, KPED 1125 and 1135, 2201 or 2250, 2223, 2300, 2381 and 4 hours selected from the following courses KPED 2212, 2215 or 2216, 2222, 2224, 2225, 2226, MATH 1390 or 1392 or 1395 or 149 or 1580 or 1591, SPCH 1300, WRTG 1310 and 1320, with no grade less than a C.
4. Complete H ED 2201 with a grade of C or better. While H ED 2201 is the only required pre-admission minor course, a student's minor grade point average for admission will be calculated on all required minor courses completed.
5. Completion of an Application for Admission. This form may be obtained from the Kinesiology and Physical Education Departmental Office, Room 120 in the Farris Center.
6. Complete EDUC 1240 - Educational Technology Skills with a grade of C or better or pass the Educational Technology Competency Exam. Testing schedules and registration information for the exam, as well as study guide and tutorials, are available (see: http://www.uca.edu/education/teachereducation/edtechcompexam.php).
7. Pass the PETE Fitness Test comprised of the following items: (a) 1.5 mile run, (b) sit-ups, (c) push-ups, (d) trunk flexion, and (e) body composition. Students initially complete the PETE Fitness Test while enrolled in KPED 1125 and KPED 1135. Should a student fail to pass all test items while enrolled i KPED 1125 and 1135, two fitness test administrations are given each semester and during the summer. Students should check with their academic advisors regarding testing dates, times and location.
8. Pass the PRAXIS I Pre-Professional Skills Test. The current UCA minimum pass scores are: Reading 172, Math 171, and Writing 174. Students are advise to take the PRAXIS I exam during their freshman year. Admission to the program will be delayed until minimum scores on each section are achieved.
9. Earn a passing score on the Developmental Portfolio by the established deadlines set by the PETE program. The required elements of the portfolio (i.e. admissions checklist, transcript, resume, personal narrative, Praxis I booklet score report, verification of skill proficiencies, documentation of CPR certification, documentation of passing scores on all PETE fitness test items, professional membership and professional service activities) and deadlines f submission are given to students during enrollment in KPED 2300 - Principles of Kinesiology and Physical Education. Note: KPED 2300 must be completed at UCA.
10. Maintain professional dispositions/behaviors in interactions and communications with faculty, peers, and other professionals. Professional dispositions

and behaviors are evaluated in each required major course.

11. Submit two recommendations supporting admission's application to the College of Education. Recommendations must be submitted by student's KPED 2300 and EDUC 1300 instructors. KPED 2300 must be completed at UCA.
12. Complete a successful interview and receive a positive recommendation for admission from the PETE faculty serving on the admission committee.

Note: Summer admission to the KPE program is offered at the discretion of the KPE department. Students should complete admission during the spring semeste for admission the following fall to ensure continuously matriculation.

Upon admission to the PETE program, teacher candidates must: Purchase a subscription to Chalk and Wire, an online system through which teacher candidate's assessments are collected, evaluated, and stored for analysis. Chalk and Wire is used by all teacher education programs. A subscription may be purchased for one year and then renewed for a subsequent year or a two-year subscription may be purchased. (see: http://uca.edu/education/teachereducation/chalkandwire.php).

[1.3] Retention in Kinesiology and Physical Education Program

Following acceptance into the KPE program, to remain in good standing a student must

1. Maintain a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale.
2. Completion of required KPED core and major courses with a grade of C or better.
3. Completion of required minor courses with a grade of C or better.
4. Complete early field experiences and internship I. Teacher candidates should be knowledgeable of and adhere to the regulations and policies contained i the *Early Field Handbook* and the related policies, information, forms, and candidate's responsibilities (see: http://www.uca.edu/education/teachereducation/fielddocs.php).
5. Maintain a subscription to Chalk and Wire throughout enrollment in the PETE program. (see: http://www.uca.edu/education/teachereducation/chalkandwire.php).
6. Submit documentation of continued membership in national and student professional organizations while enrolled in the PETE program.
7. Submit documentation of participation in a minimum of three professional service activities each semester while enrolled in the PETE program.
8. Maintain professional dispositions/behaviors in interactions and communications with faculty, peers, and other professionals. Professional dispositions an behaviors are evaluated in each required major course.
9. Earn an acceptable score on the summative evaluation of the Level I performance standards based upon Teacher Performance Outcomes Assessment (TPOA) during KPED 4380 - Internship I to advance from Level I to Level II.
10. Submit a copy of the entire PRAXIS II score report documenting passage of the PRAXIS II Subject Area Tests to the KPED 4380 - Internship I instructor. A score of 144 or better is required on the Health and Physical Education Content Knowledge (test # 0856). A score of 150 or better is required on the Physical Education: Movement Forms - Analysis and Design (test # 0092). Should a teacher candidate fail to meet the passing score by the end of the ter of enrollment in KPED 4380, an X grade will be awarded. A passing score on both PRAXIS II Subject Areas Tests is required in order to enroll in KPED 46 and 4691 - Internship II (student teaching).

Failure to meet retention standards will result in suspension and/or removal from the program.

A formal review by the Admissions and Retention Committee (ARC) will occur before a student will be allowed to enroll in internships. The outcomes of this review will determine whether the student will be permitted to continue in the KPE program. The review may result in a remediation plan rather than dismissal. Decisions to remove a student from the KPE program will be recommended by the ARC and approved by the program coordinator, department chair, and colleg dean.

[1.4] Program Exit Requirements

Students must complete the following requirements and submit the following documentation to the chair of the Kinesiology and Physical Education prior to graduation.

1. Maintain a cumulative, major, and minor grade point average of 2.5 or higher on a 4.0 scale.
2. Complete all required KPED, H ED and EDUC courses with a grade of C or better.
3. Earn a passing score on the Internship I Portfolio submitted through Chalk and Wire. The content, grading rubric, and deadlines for submission and completion are presented during candidate's enrollment in KPED 4380 - Internship II. Should a candidate fail to meet the passing score on the final portfolio by the stipulated deadline, X grades in KPED - 4380 will be awarded.
4. Earn a passing score from the PETE faculty on the oral presentation of the Internship I Final Portfolio. Note: the oral presentation of the portfolio cannot be scheduled until a passing score on the final portfolio is achieved. Should a candidate fail to earn a passing score on the oral presentation by the end of the semester of enrollment in KPED 4380 - Internship I, an X grade will be awarded.
5. Submit a completed PETE Exit Survey to the KPED office no later than the last day of regularly scheduled classes. Exit surveys will be distributed to teach candidates by KPED 4380 instructors. Should a candidate fail to submit the exit survey by the stipulated deadline, the candidate may not participate in t

exit interview and X grades will be awarded for KPED 4380 – Internship I until the requirement is met.

6. Participate in an exit interview conducted by the Chair of the KPED Department during finals week. Teacher candidates are notified by email regarding th specific date, time and location of the exit interview. Should a teacher candidate fail to participate in the exit interview, X grades will be awarded for KPE 4380 – Internship I until the requirement is met.
7. Demonstrate professionalism through continued membership in the American Alliance of Health, Physical Education, Recreation and Dance (AAHPERD) an join at least one additional professional organization (e.g. Arkansas AHPERD).
8. Complete Application for Graduation by the deadline established by the university and listed at academic calendar.

[1.5] Retention in Field Experiences/Internship

A student may be removed from a field experience, clinical, or internship when any of the following occurs:

1. The appropriate authority states that the student's presence in the classroom and/or clinical site is not in the best interest of the school's students or th clinic's clients and/or the appropriate authority requests that the student be removed.
2. The student exhibits unprofessional, unethical and/or unlawful behavior.
3. A decision has been made that the student cannot receive a grade of C or better in a field experience or internship course.

[1.6] Appeals of Admission and Retention Decisions

If the student so desires, he/she may submit a formal appeal of an admission or retention decision. In such a situation, a student can only initiate an appeal after seeking resolution with the program's Admission and Retention Committee. An appeal must be based on exceptional and extenuating circumstances and other pertinent information not previously available or considered. A formal appeal must be submitted in writing to the Dean of the College (CHAS) within five business days of being notified of admission or retention status. The Dean of the College of Health and Behavioral Sciences will transmit the appeal to KPE Academic Appeals Committee. The candidate may appeal to the CHAS dean, in writing, within five business days of the committee's decision. The student may appeal to the Provost, in writing, within five business days of the Dean's decision.

[2] Courses in Kinesiology and Physical Education (KPED)

Follow this link to KPED course descriptions: course link.

Coaching Program of Study

To be eligible to apply for coaching licensure the following requirements must be met:

1. Hold or be eligible to hold an initial/standard teaching licensure.
2. Complete the following 25 hours of course work: KPED 2300, 2340, 2381, 3331, 3382, 4230, 4300, and 4395 with a grade of C or better and one of th following coaching courses: KPED 3210, 3211, 3212, 3213, or 3214 with a grade of C or better.
3. Pass the coaching licensure exam designated by the Arkansas State Department of Education--Physical Education: Content and Design test #0095 (pape or test #5095 (computer). A score of 169 or better is required.

For further information about licensure issues related to coaching, contact the Chair of the Department of Kinesiology and Physical Education (450-3148), or th Office of Candidate Services and Field Experience (450-3131).

Bachelor of Science in Kinesiology

The degree of Bachelor of Science with a major in Kinesiology and Physical Education requires successful completion of a minimum of 128 hours, including (1) the general education component, (2) the degree component, and (3) an 18-hour required minor in family and consumer science (see below). The minor is under the direction of the student's minor advisor. General education courses do not count toward the required hours for the major. A grade of C or better is required in all kinesiology courses.

[1.1] Major in Kinesiology

KPED core curriculum (17 hours): KPED 2381, 3382, 4230, 4300, 4320, and 4395.

Major Requirements (35 hours): 2300, 2340, 3316, 3331, 4310, 4351; 2 hours selected from the following courses KPED 1125 and 1135 or 2212, 2215 or 2216 or 2222, KPED 2201 or 4271, 2203 or 4271, 2223 or 4271, 3330 or 4371, 3363 or 4371, 4380 or 4371.

[1.2] Minor Requirements

Minor (18 hours) NUTR 1300, 3370, 4315 and 9 hours of electives selected with the approval of the academic advisor. Recommended electives are FACS 2341 NUTR 3390 and NUTR 4395.

[1.3] Related Requirements

Related Requirement (3/4 hours): Three hour of course from a cognate area that supports students' career interests or four hours selected from KPED 3211 or 3212 or 3213 or 3214.

[1.4] Admission Requirements

The following minimum requirements must be met for admission to the KPED program:

1. Completion of an Application for Admission. This form may be obtained from the students' major advisor or in the Departmental Office located in Farris Center, Room 120.
2. Completion of 27 hours of pre-requisite courses BIOL 1400 or 1410, MATH 1390 or higher, KPED 1320, 2300, 2381, two hours selected from KPED 1125 and 1135 or KPED 2212, 2213, 2214, 2215, 2216, 2222, 2224, 2225 and 2226, SPCH 1300, and WRTG 1310 and 1320 with no grade less than C.
3. Submit documentation of current CPR certification from an approved provider (e.g., American Heart Association, American Red Cross) to academic adviso

Successful completion of the fitness test for further information regarding the test. *Summer admission to the KPE program is offered at the discretion of the KPE department. Students should complete admission during the spring semester for admission the following fall to ensure continuously matriculation.

[1.5] Retention in Kinesiology and Physical Education Program

Following acceptance into the KPE program, to remain in good standing a student must

1. Exhibit responsible and professional behavior in all classes, field experiences and interactions with peers and faculty, as judged by the program faculty, clinical supervisors and/or mentor teachers.
2. Maintain a minimum of 2.0 cumulative, major, and minor grade point average.
3. Maintain current CPR throughout enrollment in the program. Copy of certification card must be filed annual with the major advisor in August prior to th start of the fall semester.

Failure to meet retention standards will result in suspension and/or removal from the program.

A formal review by the Admissions and Retention Committee (ARC) will occur before a student will be allowed to enroll in internships. The outcomes of this review will determine whether the student will be permitted to continue in the KPE program. The review may result in a remediation plan rather than dismissal. Decisions to remove a student from the KPE program will be recommended by the ARC and approved by the program coordinator, department chair, and colleg dean.

[1.6] Program Exit Requirements

Students must complete the following requirements and submit the following documentation to the chair of the Kinesiology and Physical Education prior to graduation.

1. Application for Graduation by the deadline established by the university and listed at academic calendar.
2. A minimum of a 2.0 cumulative, major and minor grade point average.

3. Completion of required KPED core and major courses with a grade of C or better.
4. Passing score on the showcase portfolio.
5. Completion and submission of Program exit survey
6. Submit a completed KPED Exit Survey to the KPE Departmental Office located in Farris Center Room 120 no later than the last day of regularly scheduled classes. Exit surveys will be distributed to students by Internship instructors. Should a candidate fail to submit the exit survey by the stipulated deadline the student may not participate in the exit interview and an X grade will be awarded for KPED the Internship course until the requirement is met.
7. Participate in an exit interview conducted by the Chair of the KPED Department during finals week. Students are notified by email regarding the specific date, time and location of the exit interview. Should a student fail to participate in the exit interview, an X grade will be awarded for the Internship cour until the requirement is met.

[1.7] Retention in Field Experiences/Internship

A student may be removed from a field experience, clinical, or internship when any of the following occurs:

1. The appropriate authority states that the student's presence in the classroom and/or clinical site is not in the best interest of the school's students or th clinic's clients and/or the appropriate authority requests that the student be removed.
2. The student exhibits unprofessional, unethical and/or unlawful behavior.
3. A decision has been made that the student cannot receive a grade of C or better in a field experience or internship course.

[1.8] Appeals of Admission and Retention Decisions

A formal appeal of an admission or retention decision may be appealed. A student can only initiate an appeal after seeking resolution with the program's Admission and Retention Committee. An appeal must be based on exceptional and extenuating circumstances and other pertinent information not previously available or considered. A formal appeal must be submitted in writing to the Dean of the College (CHAS) within five business days of being notified of admissio or retention status. The Dean of the College of Health and Behavioral Sciences will transmit the appeal to KPE Academic Appeals Committee. The candidate may appeal to the CHAS dean, in writing, within five business days of the committee's decision. The student may appeal to the Provost, in writing, within five busine days of the Dean's decision.

[2] Courses in Kinesiology and Physical Education (KPED)

Follow this link to KPED course descriptions: course link

Bachelor of Science in Athletic Training

[1.1] The Athletic Training Profession

Athletic training is one of the nation's emerging health care fields and is recognized by the American Medical Association (AMA). An athletic trainer is educated and experienced in the prevention, treatment and management of the health care needs of physically active individuals. In cooperation with physicians and othe health care professionals, the athletic trainer functions as an integral member of the health care team.

[1.2] The Athletic Training Education Program (ATEP)

The ATEP faculty is committed to providing students with a quality education. The curriculum is competency-based and developed in a purposeful sequence. In addition to prescribed courses, students complete five semesters of continuous clinical education. Students' clinical study is performed under the careful direction and supervision of approved clinical education faculty. Upon successful completion of the program students are awarded a Bachelor of Science degree in Athletic Training and are eligible to sit for the Board of Certification (BOC) examination for the athletic trainer.

[1.3] Program Accreditation

The baccalaureate degree program in athletic training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

[1.4] ATEP Requirements

A major in athletic training requires successful completion of a minimum of 130 hours, including (1) the general education component; (2) the degree component; and (3) major and related requirements listed below. A minor is not required.

[1.4.1] Major in Athletic Training

KPED Curriculum (22 hours): KPED 1125, 1135, KPED 1320 or H ED 1320, KPED 2381, 3382, 4230, 4300, 4320 and 4395.

Athletic Training Core (41 hours): KPED 2255, 2353, 2356, 3301, 3327, 3335, 3345, 3351, 3354, 4301, 4315, 4325, 4327 and 4330.

Related Requirements (27 hours): BIOL 2406, 2407 and 4351 and CHEM 1402 or 1450; H ED 2201, H SC 3123, NUTR 1300 and 4315 and PSYC 1300. For students who receive transfer credit for BIOL 2406 with a grade of C or better, the following are the related requirements: BIOL 2407 and 4351 and PHYS 1400 or 1405 or 1410 or 1441 or CHEM 1402 or 1450; H ED 2201, H SC 3123, NUTR 1300 and 4315 and PSYC 1300.

Note the following courses are designated as professional courses: H ED 2201, KPED 1125, 1135, KPED or H ED 1320, KPED 1350, 2255, 2353, 2356, 2381, 3301, 3327, 3335, 3345, 3351, 3354, 3382, 4230, 4300, 4301, 4315, 4320, 4325, 4327, 4330 4395; and PSYC 1300.

[1.5] ATEP Expenses

Pre-ATEP students are required to purchase their own personal athletic training t-shirt as well as taping and bandaging materials to be used for personal practice while enrolled in KPED 1350.

In addition to general registration fees, a health sciences fee of $14.00 per credit hour is assessed for registration in the following courses: KPED 2356, 3301 3327, 3335, 3345, 4301 and 4327. A $5.00 per credit hour fee is assessed for all KPED courses. Students are responsible for their own transportation to and from their clinical experiences.

Beginning fall 2010 students seeking admission to the Athletic Training Education Program will be required to submit to the Program Director a criminal background check from an approved agency by the application for admission deadline. The cost of the criminal background check is set by an approved extern agency (e.g. Arkansas State Police).

[1.6] Admission to the Athletic Training Education Program

All students are subject to the same admission procedures and standards. Entry into the program is by application and competitive admission only. Application may be obtained by contacting the Program Director or downloading the application from Blackboard while students are enrolled in KPED 1350 – Introduction t Athletic Training. Applications should be submitted to the Program Director by October 31 to be considered for admission the following spring semester. The athletic training education admissions committee reviews all applications. Applicants will be notified in writing of their status. Students who have not completed prerequisite courses may apply for admission; however, completion of prerequisites is required prior to formal admission into the program. One class is admitt each year. Admission to the ATEP is selective and limited to ensure that an appropriate student to clinical instructor ratio (i.e., not to exceed 8:1) is maintained Thus, the number of students admitted varies from year to year. Students are advised that their acceptance into this program is not an assumed right. Applicants who believe they have been treated differently from other candidates in admission decisions are to contact the Chair of the Department of Kinesiolog and Physical Education for information about the appeals process. All appeals begin at the departmental level. Students who are not accepted into the program may reapply the following year. Should a student decide not to reapply for admission, the Program Director will help identify alternative academic programs.

[1.6.1] Admission Criteria

Students must meet the following minimum prerequisites for admission to the ATEP:

- Completion of a minimum of thirty credit hours with a cumulative grade point average of 2.5 or better on a 4.0 scale;
- Earn a grade of C or better in all KPED courses specified for the BS in Athletic Training degree with the exception of KPED 1350;
- Completion of KPED 1350 with a grade of B or better as well as the following course requirements: (a) successful completion of two basic injury evaluations, (b) completion of 50 hours of clinical observation, and (c) completion of the Technical Standards Form;
- Completion of professional courses (H ED 2201, KPED/H ED 1320, KPED 1350, KPED 2381, and PSYC 1300) with a grade point average of 3.0 or better o a 4.0 scale;
- Completion of BIOL 1400 or 1440, WRTG 1310 or HONC 1310, WRTG 1320 or HONC 1320, MATH 1390 or 1392 or 1395 or 1491 or 1580 or 1591 with a grade of C or better;
- Completion of the ATEP application by October 31;
- Submission of a criminal background check to the Program Director from an approved agency by the application for admission deadline;
- Submission of official transcripts from all college course work completed to date; and
- Completion of a formal interview with the athletic training education admissions committee.

[1.6.2] Technical Standards for Admission

Technical standards establish essential qualities considered necessary for students to achieve knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of athletic training education's accrediting agency, the Commission on Accreditation of Athletic Training Education. For selection, an applicant must demonstrate:

- The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and be able to distinguish deviations from the norm.
- Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients.
- The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds: this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.
- The ability to record the physical examination results and a treatment plan clearly and accurately.
- The capacity to maintain composure and continue to function well during periods of high stress.
- The perseverance, diligence and commitment to complete the athletic training education program as outlined and sequenced.
- The flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.
- The affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

In the event a student is unable to fulfill these technical standards, with or without reasonable accommodations, the student will not be admitted into the program.

Transfer students are encouraged to visit the campus and meet with the Program Director. Prerequisite course work with the exception of KPED 1350 - Introduction to Athletic Training may be completed at another regionally accredited college, university, or community college. Courses taken elsewhere must be equivalent to UCA courses. The Athletic Training Education Program reserves the right to determine appropriateness of transfer work related to the major. All college course work must be submitted. Transfer students must meet the same academic, clinical and technical admission standards as all other students seeking admission into the program. Prior to admission, transfer students with no previous coursework at UCA must also establish a 2.5 grade point average in minimum of twelve (12) semester hours.

For more detailed information (e.g., admissions/technical standards, transfer credit, etc.) contact Ellen Epping, Director of the Athletic Training Education Program by mail at PO Box 4991, University of Central Arkansas, Conway, AR 72035; through e-mail at EEpping@uca.edu or by phone at (501) 450-5112 or (501) 450-3148.

[1.7] Program Progression

Upon acceptance into the athletic training education program, students are to present the following documentation to the Program Director:

- The first and second of the series of three hepatitis B vaccinations must be submitted prior to the first day of classes of the spring semester (the third of the series may be submitted prior to the first day of classes of the subsequent fall semester);
- A physical examination performed by an appropriate health care professional;
- Current CPR/AED certification from a provider adhering to the most current standards for cardiopulmonary resuscitation. Certification must be valid through the school year; and

- TB skin test results.

Each August, prior to the first day of classes of the fall semester, students must present the following written documentation to the Program Director:

- Current certification in emergency cardiac care (ECC) from a provider adhearing to the most current standards of the International Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiac Care and;
- TB skin test results.

Failure to present required documentation to the Program Director will result in administrative withdrawal from the program.

[1.8] Retention in the Athletic Training Education Program

To remain in good standing in the program, students must

- Maintain a cumulative grade point average of 2.5 or better on a 4.0 scale;
- Earn a grade of C or better in KPED curriculum courses: KPED 1125, 1135, 3382, 4230, 4300, 4320 and 4395.
- Earn a grade of C or better in the following related requirements: BIOL 2406, 2407 and 4351 and CHEM 1402 or 1450; H SC 3123, and NUTR 4315. Students who receive transfer credit for BIOL 2406 with a grade of C or better, must earn a C or better on the following related requirements: BIOL 2407 and 4351 and PHYS 1400 or 1405 or 1410 or 1441 or CHEM 1402 or 1450; H SC 3123, and NUTR 4315.
- Earn a grade of C or better in the following professional courses: KPED 1125, 1135, 2255, 2353, 3335, 3345, 3351, 3354, 3382, 4230, 4300, 4315, 4320, 4325, 4330 and 4395.
- Earn a grade of B or better in professional clinical courses KPED 2356, 3301, 3327, 4301 and 4327;
- Maintain a professional grade point average of 3.0 or better on a 4.0 scale;
- Meet the minimum grade requirements in the following athletic training core courses: KPED 2255, 2353, 2356, 3301, 3327, 3335, 3345, 3351, 3354, 4301, 4315, 4325, 4327 and 4330 (a student failing to meet the minimum grade requirements in these courses will not be allowed to enroll in athletic training core courses until the minimum grade requirement is met);
- Complete required August ATEP Orientation and pre-season clinical for students enrolled in KPED 3301 or 4301 (note: orientation and pre-season clinic is held prior to the fall semester); and
- Earn a passing score on a showcase portfolio.

Failure to meet the retention requirements will place the student on probationary status for a maximum of two semesters. If the requirements are not met at th conclusion of the probationary period, the student will be withdrawn from the program and will need to reapply for admission into the Athletic Training Education Program. A detailed list of retention requirements and explanation of the probationary period is available in the current edition of the Athletic Trainin Education Program Student Handbook. Students may obtain a copy of the current handbook from the Program Director.

The current editions of the *UCA Student Handbook, Athletic Training Education Program Student Handbook and Intercollegiate Athletics – Athletic Training Policies and Procedures Manual* specify the rules, regulations, and policies that apply to all UCA undergraduate athletic training students. It is the responsibility the student to know and follow the current policies, procedures, and guidelines. Additionally, students should observe the fundamental rules of ethical conduct as described in the *NATA Code of Ethics* and the *Standards of Practice* by the Board of Certification.

[2] Courses in Kinesiology and Physical Education (KPED)

Follow this link to KPED course descriptions: course link.

Medical Technology Program

Undergraduate Bulletin
Document Number 3.04.05

Advisor: Dr. Emogene Fox, 450-3194

[1] Program

Medical technology is a profession that is practiced almost exclusively in hospitals or diagnostic clinics. These specialists perform the laboratory tests ordered physicians and are the only laboratory technicians who are qualified to work independently of supervisory personnel. Upon completion of the professional program, the graduate is eligible to take various certification examinations required for licensure.

The Department of Health Sciences, in cooperation with Baptist Health, offers a Bachelor of Science degree in medical technology. Three years of this program are taken on the UCA campus, and the fourth is completed in the hospital-associated teaching laboratories.

[2] Baccalaureate Degree: Bachelor of Science

Requirements for the degree are as follows:

1. Completion of a minimum of 79 semester hours described below with at least a 2.0 GPA is necessary for application to the professional curriculum. In order to receive credit toward a degree from the university, the student must apply and be admitted to UCA prior to enrolling in the professional curriculum in medical technology. In all cases students will be required to complete a total of 120 hours with a minimum of 30 hours of residence credit
2. Acceptance into the clinical program in medical technology at Baptist Health.
3. Completion of the professional curriculum with a minimum GPA of 2.0.

The curriculum for medical technology is as follows:

Preprofessional Curriculum	**SCH**
The general education component	47
Specified general education and other required courses:	
MATH 1390 or above	3
CSCI 1300 or MIS 2343	3
BIOL 1440, 1441, 2405, 4420	16
CHEM 1450, 1451, 2401, 3520	17
Electives	4
TOTAL	**79**
Professional Curriculum	**SCH**
Immunology	1
Immunohematology	1
Hematology	4
Body Fluids	1
Clinical Microbiology	4
Clinical Chemistry	4
Seminar I	1
Seminar II	1
Management/Education	1
Clinical Internship I	5

Clinical Internship II	5
Clinical Internship III	6
Clinical Internship IV	7
TOTAL	**41**

[3] Courses in Medical Technology (MD T)

Follow this link for MD T course descriptions: course link.

Department of Military Science and Leadership

[1] Purposes

The Department of Military Science and Leadership commissions the future officer leadership of the United States Army. The Reserve Officers Training Corps (ROTC) offers each student the opportunity to serve in the US Army on Active duty or remain in Arkansas and serve in the Army National Guard or the US Army Reserve while pursuing a civilian career after graduation.

Regardless of the career choice, success in life today demands more than ever the right preparation. Education is essential, but the growing proportion of Americans going to college has lessened the diploma's role as an automatic entre to the best jobs. Employers are demanding something more. Army ROTC provides hands-on, performance-oriented leadership and management training. Army ROTC is the competitive edge for the success-oriented college student.

[2] General Information

Registration. Registration for military science is accomplished at the same time and in the same manner as other courses. There is no additional tuition cost for full-time students. All required books and equipment are provided at no cost to the student.

Military Service Obligation. There is no military obligation for students taking freshman and sophomore military science courses. (Freshman and sophomore military science students attending college on Army ROTC scholarships are obligated by their contracts.)

Scholarships. Four-year scholarships are available on a competitive basis to high school seniors who plan to enroll in Army ROTC. In addition, two and three-ye scholarships are available on a competitive basis to UCA students. These scholarships pay tuition, fees, $1,200 per year for books, and up to $500 per month ($300 - freshmen, $350 - sophomores, $450 - juniors, $500 - seniors, tax free, for ten months during the school year). A limited number of room and board grants are also available.

Advance Course Students. Contracted advance course students receive up to $4,000 during the school year. The subsistence allowance is paid in addition to the Montgomery GI Bill or other benefits an individual may receive. Additionally, members of the Army Reserve and National Guard may continue to receive their dr pay and are promoted to Sergeant (E-5) for pay purposes while participating in the Simultaneous Membership Program.

[3] Basic Course

The basic course (taken by freshmen and sophomores) consists of MILS 1101, 1102, 2201 and 2202. MILS 1101 and 1102 meet one hour in class and two hours for a leadership lab which consists of practical applications of current leadership topics, as well as learning to rappel and other military or survival skills. Basic course students can participate in many activities throughout the year sponsored by the military science department. These activities include rappelling, rifle marksmanship, color guard, ranger challenge team, military ball, field-training exercises, awards ceremony, physical conditioning programs, and many mo

[4] Advanced Course

The advanced course consists of MILS 3301, 3302, 4301, 4302, 4303 and 4304 and a five-week ROTC leadership camp between the junior and senior years.

To enroll in the advanced course, students must meet eligibility and age requirements, be physically qualified, have two academic years to complete before graduation or reception of a graduate degree, have a grade point average of 2.0 or better, be accepted by the professor of military science, and be a US citizen.

[4.1] Eligibility for the Advance Course

To be eligible for the advanced course, a student must meet one of the following:

1. Have completed the basic course,

2. Have completed the Leaders Training Course at Ft. Knox (five weeks prior to junior year),

3. Have completed four years of high school Junior ROTC experience,

4. Be a veteran, or

5. Be a member of the National Guard or Reserve and have completed basic training.

NOTE: Each contracted cadet must meet certain professional military education requirements prior to commissioning. Each cadet must complete a semester or semester equivalent course in written communications, human behavior, military history, computer literacy, and mathematical reasoning.

[5] Leaders Training Course

The Leader's Training Course is a five-week summer leadership and training exercise that satisfies all ROTC undergraduate military basic course. Completi of this camp enables eligible students to enter the advanced course. Registration is through the military science department during the spring semester. Students are paid while at this camp. See the military science department for eligibility requirements.

[6] Minor in Military Science (18 hours)

The minor in Military Science requires 18 hours, including the following courses: MILS 3301, 3302, 4301, 4302; HIST 3381; plus 3 hours of computer science courses (CSCI 1300 or higher).

Prerequisites for acceptance into the Military Science Minor program are:

1. Successful completion of the ROTC Basic Course (4 semesters) with a Military Science GPA of 3.0 as a minimum. (Other initial military training may be accept on a case by case basis by the Department Chair.)

2. Completion of WRTG 1310 or higher level course, completion of MATH 1360 or higher level course.

[7] Follow this link for MILS course descriptions: course link

Nuclear Medicine Technology Program

Advisor: Cindy Shelton or Deedra Smith, 450-3194

[1] The Profession

The nuclear medicine technologist (NMT) is a highly skilled professional who utilizes radioactive materials to image the function of different organs, analyze biologic specimens, and treat certain diseases. The responsibilities of the NMT are varied and can include radiation safety, quality control, radiopharmaceutical preparation and administration, the performance of diagnostic imaging procedures on patients, and computer acquisition and analysis of data. The NMT works closely with nuclear medicine physicians, radiologists, and referring patient physicians in order to ensure that each patient receives the highest quality study possible.

The program is accredited by the Committee on Allied Health Education and Accreditation (CAHEA) of the American Medical Association (AMA) in collaboration with the Joint Review Committee on Educational Programs in Nuclear Medicine Technology.

[2] Baccalaureate Degree Program Requirements

The Department of Health Sciences in cooperation with the Health Education Division of Baptist Health Schools Little Rock (BHSLR) offers a Bachelor of Science degree with a major in nuclear medicine. The degree requirements consist of 3 years and 73 hours of course work at UCA and 47 hours taken over 12 months at BHSLR. In order to receive credit toward a degree from UCA, the student must apply, be admitted to UCA, and complete the prerequisite course work prior to selective admission into the clinical curriculum at BHSLR. Students may transfer into the nuclear medicine program, but they must complete a minimum of 30 hours of on-campus course work at the University of Central Arkansas prior to selective admission into the clinical curriculum at BHSLR. Admission and acceptance into the clinical curriculum at BHSLR is on a competitive basis. Students applying to the clinical phase must have a cumulative GPA of 2.5 in all undergraduate course work to be considered eligible for the clinical phase of the nuclear medicine program at BHSLR. The application deadline for the clinical phase of the nuclear medicine program is March 1, and classes begin in July at BHSLR. Information concerning the clinical curriculum and requests for applications should be directed to BHSLR. All questions regarding prerequisite course work should be directed to the UCA nuclear medicine advisor. Applicatns are required to have the results of the ACT with a composite score of 21 or higher to be eligible at Baptist Health Schools Little Rock.

[2.1] Prerequisite Curriculum at UCA (73 hours)

General education requirements.

Other required courses: CHEM 1450, 1451, 2401; MATH 1390; BIOL 1440, 2405; CSCI 1300 or MIS 2343; PHYS 1410, 1420; Statistics (MATH 2311 or PSYC 2330 or SOC 2321 or ECON 2330).

[2.2] Professional Curriculum at BMC (47 hours)

NMT 4210, 4410, 4510, 4415, 4420, 4425, 4325, 4435, 4430, 4315, 4320, 4330, 4215, 4220. Note: Baptist Health Schools Little Rock requires all prerequisites to be complete prior to the program start date. All but one course must be in progress at the time of application to BMC.

[3] Courses in Nuclear Medicine Technology (NMT)

Follow this link for NMT course descriptions: course link.

Department of Nursing

Chair and Professor: Dr. Williams, 450-3119
Associate Professor: Dr. Meaux
Assistant Professors: Dr. Ashcraft, Dr. Gatto, Dr. Garnica, Dr. Lancaster, Dr. New, Dr. Pope, Dr. Stroman
Instructors: Ms. Cullum, Ms. Diehl, Ms. Grantham, Ms. Hall, Ms. Harris, Ms. Jordan, Ms. Nelson, Ms. Orvin, Ms. Parsley, Ms. Reed, Ms. Thornton

[1] Purposes

The Department of Nursing is committed to educating students at the baccalaureate and graduate level to address evolving health care needs and to advance th practice of nursing in a ever-changing society. Graduates of the baccalaureate program have the theoretical base in nursing and related disciplines and the skil both interpersonal and technological, required for practice and have the foundation for graduate study.

[2] Baccalaureate Degree Program

The professional program requires a minimum of six full semesters during the last three years of the student's degree studies. It includes both classroom work and clinical learning experiences in a variety of central Arkansas health care agencies, institutions, and communities. Students are responsible for their own transportation to and from clinical experiences.

Upon successful completion of the program, the student is awarded a Bachelor of Science in Nursing (BSN) degree and is eligible to apply to take the Registered Nurse (RN) licensing examination (NCLEX-RN). Based on Arkansas State Board of Nursing rules and regulations, eligible students are allowed to apply to take th Practical Nurse (LPN) licensing examination (NCLEX-PN) after successfully completing the junior year of the major.

Per state law, persons convicted of certain crimes will not be eligible to take the RN or LPN licensure examination. For more information and a list of crimes ref to www.arsbn.org/, Nurse Practice Act, chapter 3, section 17-87-312.

[3] Articulation/Advanced Placement

LPN/LPTN-BSN, RN-BSN, and RN-BSN/MSN tracks are available for students already licensed to practice nursing based on the Arkansas Nursing Articulation Model. Visit uca.edu/nursing or contact the Department of Nursing for information. The RN- BSN and RN-BSN/MSN tracks are available on-line.

[4] The Nursing Honors Program

During the spring semester of the junior year, qualified students are invited to become candidates for departmental scholars. The student must have earned at least an overall GPA of 3.5 and a major GPA of 3.7. The scholars program offers opportunities to explore special interests in nursing through an independent project. On successful completion of the project, the student is eligible to graduate with honors in nursing. If final GPA meets university requirements, this distinction is noted on the student's transcript and diploma and is recognized at commencement. See bulletin section Recognition of Academic Achievement for more information.

[5] Master's Degree

See *Graduate Bulletin*.

[6] Accreditation Status

The baccalaureate and master's programs are approved by the Arkansas State Board of Nursing and accredited by the Commission on Collegiate Nursing Education.

[7] Admission to the Nursing Major

Admission is selective and competitive. Preference is given to University of Central Arkansas pre-nursing students. Applications are due by March 1 for the following fall sophomore nursing class. One class is admitted each year. Applications are available each January and may be obtained at uca.edu/nursing.

Minimum admission criteria include:

1. Minimum GPA of 2.5;
2. Completion, with a minimum grade of C, of WRTG 1310 and 1320, MATH 1390, CHEM 1402 and 2450 or CHEM 1450 and 1451, BIOL 1400 or BIOL 144 and 2405 or BIOL 2406 and 2407, PSYC 1300, SOC 1300, and NUTR 1300;
3. Applicants not born in the United States or in a country where English is the official language must document their English proficiency. An official score of 83 or higher on the iBT TOEFL exam is required. The exam must have been taken within the last two (2) calendar years. Only iBT TOEFL scores

received directly from ETS or the UCA Testing Center will be accepted as valid.
4. Presentation of a complete application within published deadlines;
5. Completion of an admission exam; and
6. A $50 non-refundable application fee.

A more detailed list of criteria and information regarding the application review process should be obtained from the department.

[8] Program of Study for the BSN Degree

The baccalaureate program consists of 34 hours of pre-nursing/prerequisite courses and six semesters of nursing major, general education, and related major requirements. Courses in the professional major are sequentially planned. Each nursing course is usually offered only once each academic year.

General Education and Related Major Requirements (74 hours):

- WRTG 1310 and 1320
- ENGL 2305 or 2306
- MATH 1390
- PSYC 1300
- FACS 2341, or PSYC 2370
- PSYC 2330, PSCI 2312, SOC 2321, or MATH 2311
- CHEM 1402 and 2450 or 1450 and 1451
- BIOL 1400 or 1440, 2405 or 2406 and 2407, 2411, and 4311
- SOC 1300
- NUTR 1300
- HIST 1310 or 1320
- PHIL 1301 or 2325
- HIST 2301 or 2302 or PSCI 1330
- MUS 2300, THEA 2300, ART 2300, or FILM 2300
- SPCH 1300
- KPED/H ED 1320
- HIST 1310 or 1320 or ENGL 2305 or 2306 or REL 1320 or FYFS 1310 or PHIL 1330 or LING 2350 or AFAM 1330
- A 3-hour elective

The following courses may be completed after admission to the major and require a minimum grade of C:

- BIOL 2411 and 4311
- FACS 2341 or PSYC 2370
- PHIL 1301 or 2325
- PSYC 2330, SOC 2321, MATH 2311, or PSCI 2312
- SPCH 1300

Nursing Major Requirements (57 hours): NURS 2305, 2310, 2505, 2510, 3201, 3501, 3505, 3510, 3515, 4213, 4220, 4505, 4510, 4515.

[9] Progression Requirements

Upon acceptance into the nursing program, students are to present varicella titer, the first and second of the series of three Hepatitis B vaccinations, and health history and physical examination record. The third of the Hepatitis B series may be completed after the start of the first semester of the major.

Students are to present the following documentation each July:

1. American Heart Association Health Provider CPR certification valid through May of the school year;
2. TB skin test results valid through May of the school year;
3. Current health/hospitalization insurance; and
4. Any other requirements of the clinical or educational agencies with which they affiliate.

Failure to present this documentation will result in administrative withdrawal from the program.

A minimum grade of C must be achieved to pass a required nursing course and progress in the major.

The current editions of the *UCA Student Handbook* and the *Nursing Student Handbook: Baccalaureate Program* specify the rules, regulations, and policies that

apply to all UCA undergraduate nursing students. It is the responsibility of the student to know and follow the department policies and procedures.

Students must have independent means of transportation for their clinical experiences.

[10] Readmission Policy

If a student withdraws from any nursing course or from the nursing major for any reason (academic or non-academic) or fails to earn a minimum grade of C in any required nursing or specified non-nursing course, the student must be readmitted to enroll in other nursing courses. A grade of D, F, or WF in any nursing course or specified non-nursing course may result in a year's delay before the student will be able to repeat the nursing course and/or progress. Readmission not automatic nor guaranteed and will be contingent upon both program and individual factors.

Readmission applications are available from the department. Applications are due to the department by October 1 for readmission to spring nursing courses and by March 1 for readmission to fall nursing courses.

A student, if readmitted, may repeat a specific nursing course only one time. The student who makes a grade of D, F, or WF in two nursing courses will be dismissed from the nursing program and are not eligible for readmission.

The department follows the university's policy of reserving the right to refuse the privilege of further attendance to a student when it has become evident that the student lacks the personal qualities, professional characteristics, or scholastic attainments essential for success.

[11] Courses in Nursing (NURS)

Follow this link for NURS course descriptions: course link.

Department of Occupational Therapy

Chair and Professor: Dr. Musselman, 450-3192
Associate Professor: Dr. George
Assistant Professors: Dr. Acre, Dr. Moore, Dr. Mankey, Dr. Mosley, Dr. Stearns, Dr. Willey
Instructors: Ms. LeQuieu, Ms. Rowe
Program Advisor: Ms. Roberson, 450-5568

[1] Purpose

The objective of the professional curriculum in occupational therapy is to provide learning experiences that will qualify its graduates to assume the professiona responsibilities essential to the practice of occupational therapy. In addition to the attainment of academic knowledge and skill required to perform professiona duties, students are directed toward the development of competence for living in our democratic society and for functioning effectively in a society wherein health care practices are rapidly changing.

Occupational therapy is the use of occupation - and evidence-based interventions with clients who are at risk or limited in functional independence due to physical injury or illness, psychosocial dysfunction, developmental or learning disabilities, poverty and cultural differences, or the aging process. The role of the occupational therapist is to maximize independence, prevent disability, and maintain health. Occupational therapy practice encompasses evaluation, treatment, and consultation. "Occupation" in the title refers to humanity's goal-directed use of time, energy, interest, and attention.

Specific occupational therapy services include teaching daily living skills; developing perceptual-motor skills and sensory integrative functioning; developing pla skills and prevocational and leisure capacities; designing, fabricating, or applying selected orthotic and prosthetic devices or selective adaptive equipment; using specifically designed activities to enhance functional performance; administering and interpreting assessment of human performance; and adapting environments. These services are provided individually, in groups, or through social systems.

[2] Program

The Occupational Therapy Program is a combined Bachelor of Science and Master of Science degree program. Students who wish to become certified and licensed occupational therapists must complete both the Bachelor of Science in Health Sciences (Occupational Therapy emphasis) and the Master of Science degree in occupational therapy. Students are eligible for admission to the undergraduate phase of the program if: 1. They have a Bachelor of Science degree an have completed prerequisite requirements noted below; **OR** 2. They have completed all general education requirements of the University, as well as the program prerequisite requirements (See Admission Requirements #2 & #3 below). Students who successfully complete the Bachelor of Science in Health Sciences (Occupational Therapy emphasis) and who qualify for admission to the graduate school (including the presentation of a GRE score) will be automatically accepte into the Master of Science program in occupational therapy.

[3] Bachelor of Science in Health Sciences (Occupational Therapy Emphasis)

The curriculum leading to the Bachelor of Science in Health Science (Occupational Therapy emphasis) requires 25 hours of prerequisite course work, in addition to general education requirements, and 54 hours in the major. A total of 120 hours are required for students earning their first bachelor's degree. The 54 hour in the major are completed over the course of four semesters. The graduate phase of the program involves three additional semesters on campus, plus six months of full-time fieldwork. During the time on campus, students are engaged in both classroom work and fieldwork experiences (minimum 80 hours in each of four semesters) at facilities in Arkansas and contiguous states. Following on-campus study, students are assigned to facilities in Arkansas and/or contiguous states for the full-time fieldwork experiences. Students are responsible for their own transportation and living expenses throughout the program, including during fieldwork placements.

A grade no lower than C must be earned in all occupational therapy professional courses and prerequisites. Students are expected to maintain a 3.0 grade poin average in all professional-level courses.

[3.1] Admission Requirements

Students enter the Bachelor of Science in Health Science (occupational therapy emphasis) program by competitive admission only. Those seeking admission mu (a) apply to and meet all admission requirements of the university; (b) complete an application for admission to the occupational therapy department; and (c) meet the following academic and other requirements prior to the beginning of enrollment in the May Intersession:

1. Must have earned at least 70 hours (including no more than two physical education activity hours) from a regionally accredited college or university with minimum GPA of 2.75 in all work attempted.
2. Complete a minimum of 20 hours volunteer/observation experience in one occupational therapy clinical setting and submit a performance rating sheet from this experience (form and specific instructions available from the occupational therapy department).

3. Complete the following prerequisite course work with a grade of C or better. Students who have not completed all prerequisite courses may apply for admission; however, completion of prerequisites is expected prior to formal entry into the program.

Prerequisites. Students must choose the following courses to meet prerequisite as well as general education requirements: BIOL 1400; CHEM 1402, PSYC 1300, SOC 1300. In addition, the following courses must be taken to complete the remainder of the occupational therapy prerequisite requirements:

Courses	SCH
BIOL 2405 or 2406 & 2407; 3370 (preferred) or 2411	7-12
PHYS 1405	4
PSYC 2330 or SOC 2321, HSC 3123	4
PSYC or SOC elective and PSYC 2370 or FACS 2341	6
TOTAL	21-26

[3.2] Departmental Admissions Procedure and Appeals

Applications to the program become available by November 15 and are due in the program office by February 1 for consideration for entry the following May Intersession. All applications are reviewed by the occupational therapy admissions committee. Admission criteria may include cumulative biological science and behavioral science grade point averages as well as overall GPA, volunteer/observation experience, personal interview, and an essay. Preference is given to Arkansas residents.

Applicants who believe they have been treated differently from other candidates in admissions decisions are to contact the department chair for information about the appeals process. All appeals begin at the department level.

[3.3] Undergraduate Professional Course Requirements

Once accepted into the occupational therapy program, students must complete all required courses with a grade of C or better in order to progress to the master's level. The required courses are: OTHY 3125, 3215, 3223, 3241, 3330, 3340, 4125, 4127, 4128, 4230, 4270, 4300, 4308, 4316, 4317, 4321, 4325, 4330, 4335, 4355, 4365, 4380, 4400. (See the UCA *Graduate Bulletin* for courses that must be completed for the Master of Science degree in occupational therapy.)

[3.4] The Honors Program in Occupational Therapy

Students who have demonstrated above-average interest, ability, and professional promise may be invited to become candidates for departmental honors. The students must have earned an overall GPA of 3.5 and a GPA of 3.5 in upper-division courses.

[4] Accreditation and Certification

The course of study (through completion of the master's degree in occupational therapy) is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) in collaboration with the American Occupational Therapy Association. The address for ACOTE is 4720 Montgomery Lane, PO Box 31220, Bethesda, MD 20824-1220. Phone: (301) 652-2682. Upon successful completion of the prerequisites, baccalaureate and master's level required courses, and electives, the student will have fulfilled the educational requirements for entry into the profession and will be eligible to sit for the National Certification Examination for the Occupational Therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). Address for NBCOT: 800 S. Frederick Ave., Suite 200, Gaithersburg, MD 20877-1450. Phone: (301) 990-7979. After successful completion of this exam, the individual will be an occuption therapist, registered (OTR). In addition, most states require licensure to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. A felony conviction may affect a graduate's ability to sit for the NBCOT Certification Examination or attain state licensure.

[5] Courses in Occupational Therapy (OTHY)

Follow this link for OTHY course descriptions: course link.

Department of Physical Therapy

Chair and Professor: Dr. Reese, 450-3611
Department Advisor: Ms. Charlotte Fant, 450-5541
Professor: Dr. Bandy
Associate Professors: Dr. Fletcher, Dr. Garrison, Dr. McGee,Dr. Taylor
Assistant Professors: Dr. Forbush, Dr. Huitt, Dr. Lairamore, Dr. Wang, Dr. Yates
Senior Clinical Instructor: Dr. Maresh
Instructor II: Dr. Booth, Ms. Stephens

[1] Physical Therapy: A Dynamic Health Care Profession

Physical therapists (PTs) are health care professionals who diagnose and treat individuals of all ages, from newborns to the very oldest, who have medical problems or other health-related coditions that limit their abilities to move and perform functional activites in their daily lives. PTs examine each individual and develop a plan using treatment techniques to promote the ability to move, reduce pain, restore function, and prevent disability. In addition, PTs work with individuals to prevent the loss of mobility before it occurs by developing fitness- and wellness-oriented programs for healthier and more active lifestyles.

Physical therapists provide care for people in a variety of settings, including hospitals, private practices, outpatient clinics, home health agencies, schools, sport and fitness facilities, work settings, and nursing homes. State licensure is required in each state in which a physical therapist practices.

Physical therapists:

- Diagnose and manage movement dysfunction and enhance physical and functional abilities.
- Restore, maintain, and promote not only optimal physical function but optimal wellness and fitness and optimal quality of life as it relates to movement and health.
- Prevent the onset, symptoms, and progression off impairments, functional limitations, and disabilities that may result from diseases, disorders, conditions, or injuries.

The median annual earnings of all physical therapists in the United States were $76,310 in May 2010. Employment of physical therapists is expected to increase 39 percent from 2010 to 2020, much faster than the average for all occupations. *Source: U.S. Department of Labor; Occupational Outlook Handbook, 2012-20 Edition. http://www.bls.gov/ooh.*

[2] Mission

The mission of the Department of Physical Therapy is to develop outstanding physical therapy professionals who are practicing autonomously in the global clinical and research communities and to model excellence in education, research, and service.

[3] Accreditation Status

The BS in Health Science with an emphasis in physical therapy does not require specialized accreditation. The Doctor of Physical Therapy (DPT) curriculum is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). CAPTE may be contacted vial mail, telephone, or email as follows:

Department of Accreditation
American Physical Therapy Association
1111 North Fairfax Street
Alexandria, VA 22314
Telephone: 703/706-3245
accreditation@apta.org

[4] DPT Student Outcomes

Graduation rate: 98%

Employment Rate: 100% (for students passing the licensure examination)

Licensure Examination Pass Rates:

1st Time: 95%

Overall: 98%

[5] Requirements for Application to the DPT Program

Students who wish to apply for admission to the Doctor of Physical Therapy degree program must first complete a baccalaureate degree and specific prerequis courses. A complete list of prerequisites for the UCA DPT program may be found iin the UCA Graduate Bulletin or on the UCA Physical Therapy website http://www.uca.edu/pt/. Applicants for the DPT program may complete the baccalaureate degree in any field as long as all prerequisites for the program are complete by the time of matriculation and all other requirements for the DPT program are met.

[6] Bachelor of Science in Health Science, Physical Therapy Emphasis

Students who are interested in applying to the UCA professional Doctor of Physical Therapy (DPT) program may elect to pursue the BS in Health Science with a physical therapy emphasis. This degree is specially designed to assist students completing prerequisite course work to obtain a baccalaureate degree in order t meet application requirements for the professional DPT program.

The purpose of the bachelor of science (BS) degree with a physical therapy emphasis is to qualify graduates of the program as candidates for the professional DPT degree. In addition to the baccalaureate degree, students applying for the DPT program must meet specific grade point averages, have designated prerequisite courses, observe in the clinic, and take the Graduate Record Examination (GRE). The BS in Health Science with physical therapy emphasis does **not** prepare a graduate for licensure or employment as a physical therapist or a physical therapist assistant.

For more information on the professional Doctor of Physical Therapy (DPT) program, the student is referred to the UCA Graduate Bulletin or Physical Therapy website http://www.uca.edu/pt/

The BS in Health Science degree with an emphasis in physical therapy requires a total of 120 semester credit hours, of which 40 credits must be upper division Degree requirements are as follows (see individual departments for course descriptions):

[6.1] General Education Requirements (47 hours)

Health Sciences – Physical Therapy Emphasis majors must include the following courses in their general education selections: MATH 1390, PSYC 1300, BIOL 1440, and CHEM 1450 or CHEM 1402.

[6.2] Health Science Core (15 hours)

BIOL 2406 Structure and Function of the Human Body I
CHEM 1451 College Chemistry II **or** CHEM 2450 Physiological Chemistry II
PHYS 1410 College Physics 1
PSYC 2330 Psychological Statistics

[6.3] Degree Requirements (25 hours)

BIOL 2407 Structure and Function of the Human Body II
BIOL 2420 Histology for Health Sciences
BIOL 3370 Introduction to Neuroscience
BIOL 4311 Pathophysiology **or** BIOL 4351 General Pharmacology
H SC 3123 Medical Terminology
PHYS 1420 College Physics 2
PSYC 3332 Research Methods
PSYC Elective

[6.4] Physical Therapy Related Electives (33 hours: 7 courses of which must be taken from the following):

BIOL 4311 Pathophysiology
BIOL 4351 General Pharmacology
H ED 3305 Human Sexuality
H ED 3320 Epidemiology Research
H ED 4300 Community Health
H ED 4301 Health Education in the Medical Care Setting
H ED 4302 Health Education in the Worksite
H ED 4303 Environmental Health Problems
H ED 4310 Health Concerns of the Aging
H ED 4312 Drug Education
H ED 4343 Health Strategies for Multicultural Populations

H ED 4395 Contemporary Health Concerns - Women
KPED 3331 Care and Prevention of Exercise and Sport Injuries
KPED 3382 Mechnical Kinesiology
KPED 4300 Exercise Physiology
MGMT 3305 Social Issues in Management
MGMT 3315 - Diversity/Multicultural Communications
NUTR 3370 Advanced Nutrition
NUTR 3390 Nutrition and Metabolism
NUTR 4315 Sports Nutrition
PSYC 3325 Cognitive Psychology
PSYC 3330 Sensation & Perception
PSYC 3350 Psychology of Women
PSYC 3351 Psychology of Learning
PSYC 3360 Social Psychology
PSYC 3370 Sports Psychology
PSYC 4320 Abnormal Psychology
PSYC 4325 Physiological Psychology
SOC 3310 Racial and Ethnic Relations
SOC 3350 Marriages and Families
SOC 3361 Gender Roles
SOC 3381 Death and Dying

[7] Courses in Physical Therapy (PTHY)

Follow this link for PTHY course descriptions: course link.

Department of Psychology and Counseling

Chair and Professor: Dr. Skotko, 450-3193
Professors: Dr. Bihm, Dr. Bramlett, Dr. Glenn, Dr. Lammers, Dr. Murphy, Dr. B. Smith
Associate Professors: Dr. Bolter, Dr. Boniecki, Dr. Rowell, Dr. Scoles, Dr. T. Smith
Assistant Professors: Dr. Charlton, Dr. Dielmann, Dr. Gillaspy, Dr. Nail, Dr. Simon, Dr. Sobel, Dr. Xie
Instructors: Ms. Booher, Ms. Dobbs

[1] Purposes

The purposes of undergraduate offerings in psychology are (1) to provide an introduction to the science of understanding and predicting human behavior; (2) to provide psychology majors the foundation for advanced study in psychology and related areas; and (3) to provide prospective teachers and students majoring in other fields with psychological principles applicable to their disciplines.

[2] The Undergraduate Scholars Program in Psychology

Upon completion of 72 hours (with 12 hours in psychology), a psychology major with a grade point average of at least 3.0 is eligible to participate in the undergraduate scholars program with consent of the department. The program is coordinated by department faculty who serve on the Undergraduate Scholars Committee. See department chair or advisor for details.

[3] Curricula

[3.1] Baccalaureate Degrees: Bachelor of Science, Bachelor of Arts

The Bachelor of Science degree in psychology requires successful completion of 120 hours, including (1) general education requirements, (2) degree requirements; and (3) 36 hours in the department as indicated below. A minor (or second major) is required and must be worked out with the student's adviso in the other department.

The Bachelor of Arts degree in psychology requires successful completion of 120 hours, including (1) general education requirements; (2) degree requirements; and (3) 36 hours in the department as indicated below. A minor (or second major) is required and must be worked out with the student's advisor in the other department.

[3.1.1] BA/BS, Major in Psychology (36 hours)

Category I: Core (15 hours)

PSYC 1300 General Psychology
PSYC 2330 Psychological Statistics
PSYC 3332 Research Methods (2330 prerequisite)
PSYC 3340 Research Methods Lab *or* PSYC 3455 Comparative Primatology (3332 prerequisite)
PSYC 4340 History and Systems of Psychology (last semester)

Category II: Choose 6 hours

PSYC 3330 Sensation and Perception
PSYC 3310 Psychophysiology
PSYC 3325 Cognitive Psychology
PSYC 3351 Psychology of Learning
PSYC 4325 Physiological Psychology
PSYC 3345 Evolutionary Psychology

Category III: Choose 6 hours

PSYC 2370 Developmental Psychology
PSYC 3360 Social Psychology
PSYC 4300 Theories of Personality
PSYC 4320 Abnormal Psychology
PSYC 4352 Adult Psychology

Category IV: Choose 9 hours

PSYC 3305 Health Psychology
PSYC 3306 Positive Psychology
PSYC 3331 Psychology of Business and Industry
PSYC 3350 Psychology of Women
PSYC 3370 Sports Psychology
PSYC 4180 Independent Readings in Psychology
PSYC 4280 Independent Readings in Psychology
PSYC 4182 Independent Research in Psychology
PSYC 4282 Independent Research in Psychology
PSYC 4351 Behavior Modification (3351 prerequisite)
PSYC 4353 Practicum in Behavior Modification (4351 prerequisite)
PSYC 4380 Independent Readings
PSYC 4382 Independent Research
PSYC 4390 Tests and Measurements (2330 prerequisite)

Courses not used to complete category II or III requirements may be used in category IV.

[3.1.2] Minor in Psychology (21 hours)

Twenty-one hours including General Psychology, one course from each of categories II and III, and 12 additional hours selected in consultation with department advisor.

[3.2] Graduate Degrees

The Department of Psychology and Counseling offers master's degrees in Community Counseling, Counseling Psychology, and School Psychology and a Doctor Philosophy (PhD) degree in School Psychology and School Psychology, Counseling Psychology Emphasis. See the *Graduate Bulletin* for details.

[4] Courses in Psychology (PSYC)

Follow this link to PSYC course descriptions: course link.

Radiography Program

Advisor: Cindy Shelton or Deedra Smith, 450-3194

[1] The Profession

The field of radiology has evolved over the past 100 years into one of the most valuable diagnostic tools in medicine. The discovery of X-rays in 1895 has had great impact on the medical world. This imaging application of X-Rays parallels the development of diagnostic radiology. Services provided range from routine chest films to an elaborate study of body systems that involves tremendously complicated and expensive equipment. The final results of the examination represent the combined efforts of the Radiologic Technologist (the person who takes the X-rays) and a Radiologist (a physician who specializes in the interpretation of the X-ray films and other forms of imaging for diagnosis and treatment). Radiologic technologists may work in departments with the use of modern radiographic and fluoroscopic tools; general vascular and cardiovascular units, nuclear medicine; emergency rooms; and day surgery facilities. Radiolog technologists can be trained in the use of computerized axial tomography (CT scans) and magnetic reasonance imaging, commonly called MRI.

[2] Baccalaureate Degree Program Requirements

The Department of Health Sciences, in cooperation with Baptist Health Schools Little Rock and St. Vincent Health System Little Rock, offers a Bachelor of Science degree with a major in radiography. The BS program in Radiography does not require a minor. The degree requirements consist of 61 hours of prerequisite course work at UCA and 60 hours taken over 24 months at Baptist Health Schools Little Rock or St. Vincent Health System Little Rock. In order to receive credit toward a degree from UCA, the student must apply, be admitted to UCA, and complete the prerequisite course work prior to selective admission into the clinica curriculum at an affiliated hospital radiography program. Students may transfer into the radiography program, but they must complete a minimum of 30 hours of on-campus course work at the University of Central Arkansas prior to selective admission into the clinical curriculum at an affiliated hospital's radiography program. Admission and acceptance into the clinical curriculum at an affiliated hospital is on a competitive basis. Students applying to the clinical phase must have a cumulative GPA of 2.5 in all undergraduate course work to be considered eligible for the clinical phase of the radiography program. Applicants are required to have the results of the ACT with a composite score of 19 or higher, and a score of 17 or higher in Math & Sciences to be eligible at Baptist Health Schools Little Rock. The application deadline for the clinical phase of the radiography program is March 1st and classes begin in late June and early July. Information concerning the clinical curriculum and requests for applications should be directed to the affiliated hospital programs. All questions regarding prerequisite course work should be directed to the UCA radiography advisor.

The clinical curriculum is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Graduates of the professional curriculum ar eligible for examination by the American Registry of Radiologic Technologists.

[2.1] Prerequisite Curriculum at UCA (61 hours)

1. General education requirements
2. Other required courses (courses in this list marked with"*" should be used to fulfill the appropriate general education requirement):
    - CSCI 1300 or MIS 2343
    - *PSYC 1300
    - PSYC 3360 or 4320
    - *BIOL 1400 or 1440
    - BIOL 2406
    - BIOL 2407
    - *PHYS 1405
    - *MATH 1390
3. Applicants are requried to schedule and complete a tour of both hospital facilities prior to applying.
4. Baptist Health requires 6-8 hours of observation in the field of Radiography. St. Vincent highly recommends applicants complete some observation hours prior to applying.

[2.2] Clinical Curriculum at an affiliated hospital program (60 hours)

RADG 2110, 2111, 2112, 2113, 2114, 2120, 2121, 2130, 2223, 2224, 2231, 2232, 2233, 2420, 2115, 2530, 3140, 3141, 3142, 3243, 3144, 3150, 3151, 3250, 3340, 3851, 4162, 4164, 4261, and 4760.

Note: To receive a Bachelor of Science degree in radiography, the student must complete the hospital phase at an affiliated-based radiography program. All prerequisite course work must be complete prior to the program start date.

[3] Courses in Radiography (RADG)

Follow this link to RADG course descriptions: course link.

Department of Communication Sciences and Disorders

Chair: Dr. Kathryn Bayles, 852-0696
Professors: Dr. Logan, Dr. McNiece
Associate Professors: Dr. Lance, Dr. Moss-Logan, Dr. G. McCullough, Dr. K. McCullough, Mr. Thurman
Assistant Professors: Dr. Gregg, Dr. Cooley Hidecker, Dr. Taran-Michael
Instructors: Mr. Adams, Ms. McDaniel, Ms. Moore, Ms. S. Ross

[1] Description

Definition. Speech-Language Pathology is the health-care profession involved in preventing, evaluating, and treating speech, language, and swallowing disorde in individuals of all ages. Speech-language pathologists hold either a master's or doctoral degree and have earned the Certificate of Clinical Competence (CCC) from the American Speech-Language-Hearing Association (ASHA), the national professional, scientific, and accrediting organization. Speech-language pathologists work in a wide variety of settings such as public and private schools, hospitals, clinics, health departments, rehabilitation centers, and private practice.

Purposes. The undergraduate program in Communication Sciences and Disorders provides the academic background necessary for professional education in speech-language pathology or audiology at the graduate level. The master's degree is the entry level for those who plan to pursue careers as speech-language pathologists in schools, hospitals, community centers, university clinics, and other professional settings. The undergraduate program provides basic content courses relating to the processes of speech, language, and hearing, with introductory courses in the disorders of human communication.

Clinical Practicum. The department maintains an on-campus Speech-Language-Hearing Center where student clinicians, under the supervision of faculty who are licensed in speech-language pathology or audiology, complete clinical observations.

[2] Honors in Communication Sciences and Disorders

Upon completion of 72 hours (with 12 hours in the major), a student may be invited by the faculty of the Communication Sciences and Disorders department to pursue departmental honors. To be eligible for departmental honors, a student must have a minimum 3.25 overall GPA and a 3.4 in the major. After working w a faculty mentor and completing CSD 4350 Honors in Communication Sciences and Disorders, students must submit written evidence of a research paper or project and make a formal presentation to the faculty and students.

[3] Admission and Retention

Enrollment in CSD 2300 Introduction to Communication Sciences and Disorders, CSD 2322 Applied Phonetics, CSD 2306 Neuroscience for Communication Sciences and Disorders, CSD 2303 Basic Sign Language, CSD 4303 Intermediate Sign Language, and CSD 4310 Assistive Technology is open to all students.

All other courses in the Department of Communication Sciences and Disorders, require declaration of Communication Sciences and Disorders as the major and consultation with a Communication Sciences and Disorders undergraduate advisor before enrolling. Many upper division courses require prerequisites or consen from the instructor prior to enrolling.

Students are expected to maintain a minimum cumulative overall grade point average of 2.75 and must have a cumulative grade point average on all major course work of 3.2 to graduate with a Communication Sciences and Disorders major. Students who have grade point averages less than these minimums are on academic probation. Once on probation, students will be allowed to continue taking course work in the major. In the next semester or summer term in attendance, students should achieve the minimum grade point averages in order to continue as an undergraduate major in Communication Sciences and Disorders. If a student receives a "D" or an "F" in any Communication Sciences and Disorders course(s), the course(s) must be repeated before the student can graduate.

This is a professional degree program. Students are required to observe the fundamental rules of ethical conduct as described in the Code of Ethics of the American Speech-Language-Hearing Association. Students are expected to display and maintain satisfactory non-academic criteria that are important to functio in the discipline of Communication Sciences and Disorders. Consequently, students are required to meet the following criteria:

a. Oral, non-verbal, and written communication abilities adequate to function in the discipline of Communication Sciences and Disorders. The program adheres to ASHA's position statement, "Students and Professionals Who Speak English with Accents and Nonstandard Dialects."

b. Auditory ability adequate for assessing speech-language problems and providing treatment.

c. Interpersonal behaviors consistent with appropriate clinical skills and professional standards.

Assessment of non-academic requirements involves the professional judgments of faculty and administrators. It is crucial that client and patient rights to

appropriate speech and language services be protected. It is the University's responsibility to protect both students and clients. The UCA Speech and Hearing Center faculty deals with these issues through regular reviews of student progress during faculty meetings. Potential problems are raised as soon possible with the student, remediation procedures are suggested, and the student is given time to respond. On occasion, it is necessary to counsel students ou of the program for non-academic reasons. Before arriving at such a decision, there is extensive discussion, clear feedback to the student regarding the problems, and agreement among faculty as to the course of action. The intention of this policy is to give students a fair opportunity to succeed.

[4] Baccalaureate Degree: Bachelor of Science

The Bachelor of Science degree in Communication Sciences and Disorders requires successfuly completion of 120 hours, including: (1) general education requirements; (2) degree requirements; (3) 46 hours within the department, and; (4) the option to complete a minor as worked out with the student's minor advisor or the option to choose, in consultation with the student's major advisor, elective courses that would support the major.

Major in Communication Sciences and Disorders (46 hours)

Major requirements in Communication Sciences and Disorders (46 hours):

CSD 2300 Introduction to Communication Sciences and Disorder
CSD 2306 Neuroscience for Communication
CSD 2322 Applied Phonetics
CSD 3301 Articulation and Phonological Disorders
CSD 3306 Anatomy and Physiology for Communication Science and Disorders
CSD 3311 Fundamentals of Speech and Hearing Science
CSD 3321 Language Acquisition and Literacy3335 Birth to Five: Assessment and Intervention
CSD 4311 Audiology
CSD 4315 Aural Rehabilitation
CSD 4325 Clinical Methods
CSD 4326 Diagnostic Methods
CSD 4340 Research Principles and Practice
CSD 4400 Language Disorders Across the Lifespan
CSD 4145/4245/4345 Special Topics

[5] Masters Degree

See *Graduate Bulletin*.

[6] Courses in Communication Sciences and Disorders (CSD)

Follow this link for CSD course descriptions: course link.

College of Liberal Arts

Dean and Professor: Dr. Lee, 450-3167
Associate Dean and Professor: Dr. Mehl, 450-3167

[1] Mission

The College of Liberal Arts is a community of teachers, scholars and students whose primary mission is the pursuit of knowledge. Through teaching, advising, scholarly or creative endeavors and community service, the faculty members of the college seek to extend their own knowledge, the knowledge of their student and the knowledge of other members of the larger community. By exploring and freely exchanging ideas, members of the college attempt to enhance the understanding of different disciplines, cultures and viewpoints. The College of Liberal Arts is committed to establishing and maintaining a culturally diverse environment characterized by openness and mutual respect. Through its recruitment of faculty, staff and students, its curricular offerings and its extra-curricu activities, the college seeks to introduce students from many backgrounds to the great diversity of groups and cultural traditions that characterizes American society and the broader world.

The college provides university students with a broad education in the liberal arts. The goals of such liberal undergraduate education include the following:

- To introduce students to a variety of disciplines and categories of human knowledge so that they may discover, develop and use their full range of abilities;
- To enable students to reason clearly, to inquire deeply into the purposes and consequences of events and to exercise sound, critical judgment;
- To provide students with a basic foundation of knowledge on which more advanced learning in the various disciplines and majors can later build; and
- To help prepare students to become more complete, flexible human beings who understand the complexity of a constantly changing world and who are prepared to function effectively in the global community.

All students at the university, usually in their first two years, take between 15 and 21 hours of general education courses in the college. In addition, the College of Liberal Arts provides opportunities for more comprehensive learning in a number of academic areas, including several interdisciplinary programs. Students w choose one of the college's major or minor undergraduate programs of study begin to master the knowledge and research methods of a particular field of learning and, as appropriate, to prepare for a career. Graduate programs in English, diverse literatures, geographic information systems, history and Spanish ar provided for post-baccalaureate students who wish a more advanced, focused education in these areas. Through public lectures, conferences and other cultura offerings, the college also provides members of the university and the general community with numerous opportunities for intellectual and personal growth.

[2] Departments

English
Geography
History
Philosophy and Religion
Political Science
Sociology
World Languages, Literatures and Cultures

[3] Undergraduate Scholars Programs

English
French
Geography
History
Philosophy
Political Science
Religious Studies
Sociology
Spanish

[4] Degrees Offered

[4.1] Bachelor of Arts

African/African American Studies (see Interdisciplinary Programs)

English
French
Geography
History
Interdisciplinary Liberal Studies (see Interdisciplinary Programs)
International Studies
Modern Languages
Philosophy
Political Science
Religious Studies (see Interdisciplinary Programs)
Sociology
Spanish

[4.2] Bachelor of Science

Geography
History
Philosophy
Political Science
Public Administration
Sociology

[4.3] Bachelor of Science in Education

Social Studies, History Emphasis

[4.4] Pre-Professional Studies

Pre-Law

[4.5] Graduate Certificates

Diverse Literatures
Geographic Information Systems

[4.6] Master of Arts

English
History
Spanish

[4.7] Master of Science

Community and Economic Development

[4.8] Minors

African/African-American Studies (see Interdisciplinary Programs)
Anthropology
Asian Studies (see Interdisciplinary Programs)
English
French
Gender Studies (see Interdisciplinary Programs)
Geographic Information Science
Geography
German
History
International Studies
Latin American Studies (see Interdisciplinary Programs)
Mandarin Chinese
Philosophy

Political Science
Presidential Studies
Public Administration
Religious Studies (see Interdisciplinary Programs)
Sociology
Southern and Arkansas Studies (see Interdisciplinary Programs)
Spanish

Department of English

Chair: Dr. Ruud, 450-3674
Professors: Dr. Anderson, Dr. Fowler, Dr. Frontain, Dr. Glenn, Dr. Kearns, Dr. Lee, Dr. Melchior, Dr. Rogers, Dr. Schaefer, Dr. Shumaker, Dr. Stengel
Associate Professors: Dr. Gaughan
Assistant Professors: Dr. Bane, Dr. Chen, Dr. Coleman, Dr. Johnson, Dr. Lavender, Dr. Marotte, Dr. Reynolds, Dr. Sommers

[1] Purposes

The fourfold objective of the Department of English is (1) to improve the abilities of students in understanding, writing, and speaking the English language; (2) increase students' pleasure in and knowledge of literature as an art form; (3) to enable our students to find meaning in large amounts of information and to giv them the skills of synthesis to evaluate, interpret, and use this information to solve problems; and (4) to endow students of literature and language with the ability to work with sympathetic imagination with people from backgrounds and cultures different from their own--that is, to give the English major an understanding of globalization and its implications for the world of work in the twenty-first century.

Courses in literature are varied in such a fashion that general overall views of world literature, British literature, and American literature are presented in additio to period courses, "figure" courses, and genre courses which allow greater in-depth study. Increasingly, our world literature classes and our introduction to fiction, drama, and poetry are taking a global perspective which demonstrates to students the nature of and relationships among cultures across national boundaries. By understanding literary expression as a product of social, historical, and artistic processes, our students see parallels and connections among citizens and artists in societies around the globe.

English majors will have had a strong foundation, both in studies in the English language and in several areas of literature, even though they may have a variety of choices within given categories. Traditionally the English major may qualify to enter graduate school in English or to teach on the secondary level. Increasing however, our students pursue careers in foreign service, law, technical communication, advertising, public relations, business management, sales, and higher education/administration.

A number or courses, particularly those on the sophomore level, are specifically designed as general education courses and are intended primarily to acquaint students who major in other fields with such literature as will broaden understanding of the human experience and the potential of their role in an increasingly more interconnected 21st-century world.

[2] The Undergraduate Scholars Program in English

As early as the sophomore year, and no later than the first semester of the junior year, an English major may be invited to participate in the undergraduate scholars program in English. To graduate with honors the following conditions must be met:

1. Consent of the chair of the Department of English.
2. Maintenance of a minimum overall 3.25 grade point average and a 3.50 grade point average in the major.
3. Successful completion of ENGL 4300, the examination for which will be oral and conducted by three members of the English faculty.
4. An acceptable essay based upon reading done in ENGL 4300 and submitted in the senior year to the professor who directed the reading program.

[3] Baccalaureate Degrees

[3.1] Bachelor of Arts

The degree of Bachelor of Arts, with a major in English, requires successful completion of at least 120 hours, including (1) the general education component, (2 degree requirements, (3) major requirements, and (4) a minor.

[3.1.1] Major in English (37 hours)

Thirty-seven hours of English of which at least 21 must be upper-division. Required: ENGL 2312, 2313, 2316, 2317, 2318, 3105 4335; a genre course, a perio course, an author course, and an upper-division language course; two upper-division English electives (6 hours).

[3.1.2] Minor in English (25 hours)

Twenty-five hours of English of which at least 12 must be upper-division. Required: ENGL 2312, 2313, 2316, 2317, 2318, 3105; one upper-division language course; two upper-division English electives (6 hours). * (ENGL 4361 is required for teacher licensure.)

***Note:** With the approval of their advisor and the department chair, BA candidates or English minors may present one of the following courses as an upper-division elective: WRTG 3320 (Forms of Scriptwriting), WRTG 3325 (Forms of Poetry), WRTG 3330 (Forms of Creative Nonfiction), WRTG 3335 (Forms of Fiction). No more than one language course may be presented for degree credit in addition to the one used to fulfill the Language Course requirement.

[3.2] Bachelor of Arts with Licensure

Thirty-seven hours of English of which at least 21 must be upper division. Required: ENGL 2312, 2313, 2316, 2317, 2318, 3105, 4335, 4361, a genre course, period course, an author course, and a second upper-division language course (ENGL 3312 or 3335).

Licensure candidates must also take ENGL 1355 (Film and Literature) as their General Education Humanities requirement, and ENGL 2305 or ENGL 2306 (World Literature I or II) as part of their General Education World Cultural Traditions requirement. Like all BA students, they are required to take the Foreign Language requirement (FREN 2310, SPAN 2310, GERM 2310, CHIN 2310 or JAPN 2310).

BA students seeking licensure in English must apply to the Office of Candidate Services and Field Experience and meet established criteria for admission to the teacher education program. Once admitted, students must take the following courses (use these links for courses in EDUC and MSIT):

ENGL 4350 English Education Internship I
ENGL 4358 Methods of Teaching English and Composition
ENGL 4680 English Education Internship II
ENGL 4681 English Education Internship II
MSIT 3310 Learning & Development
MSIT 4305 Classroom and Behavior Management
EDUC 3309 Families, Schools, and Community Partners
EDUC 3321 Introductory Strategies for Students with Diverse Learning Needs: Middle/Secondary

[4] Master's Degree

See *Graduate Bulletin*.

[5] Courses in English (ENGL)

Follow this link for ENGL course descriptions: course link.

Department of Geography

Chair and Professor: Dr. Green, 450-5636
Associate Professors: Dr. Reynolds, Dr. Yoder
Assistant Professors: Dr. Allender, Dr. Conyers, Dr. O'Connell, Dr. Pearson
Lecturer: Ms. M. Passé-Smith

[1] Purposes

Programs of study in geography are designed to meet the following needs:

- Acquaint students with the contribution of geography to the understanding of the world through the study of its varied physical and human environment and the spatial relationships that exist between them.
- Give students a fundamental background in human-natural environment relationships in preparation for geography-related positions in environmental planning, natural resources management, urban and regional planning and development, water resources, cartography, education, and geographic information systems.
- Prepare students for advanced work in geography at the graduate level.

[2] The Undergraduate Scholars Program in Geography

During the junior year, a student who has demonstrated superior interest and ability may be nominated to participate in the undergraduate scholars program. Students who complete this program and graduate with honors are in a strong position to compete for awards and grants at leading universities.

Requirements for participation:

1. A minimum overall grade point average of 3.25 and a 3.50 grade point average in the major;
2. Successful completion of GEOG 4391, Research Seminar, and enrolled in GEOG 4360, Special Problems in Geography;
3. Submission and approval of a research project;
4. Successful oral presentation and defense of the research project.

[3] Baccalaureate Degrees: Bachelor of Arts, Bachelor of Science

The degree of Bachelor of Arts or Bachelor of Science, with a major in geography, requires successful completion of 120 hours, including (1) the general education component, (2) degree requirements, (3) the geography courses listed below, and (4) a minor as worked out with the student's advisor. A geography major may not minor in geographic information science.

[3.1] Major in Geography (36 hours)

GEOG 1315, 1320, 2330, 2375, 3300, 3303, 4391, plus 16 hours of upper division geography electives.

[3.2] Minor in Geography (24 hours)

GEOG 1315, 1320, 2375, 3300, plus 12 hours of upper division geography electives.

[3.3] Minor in Geographic Information Science (21 hours)

A technology-oriented minor designed to strengthen one's use of the tools of geography. Geography core includes GEOG 1315, 1320, 2330, 2375, 3303, 3306 and 4330. GEOG 3307 or GEOG 3309 may substitute for GEOG 4330. Geographic information science minors may not be geography majors.

[4] Courses in Geography (GEOG)

Follow this link for GEOG course descriptions: course link.

Department of History

Chair and Professor: Dr. Barnes, 450-5631
Professor: Dr. Foote
Associate Professors: Dr. Castro, Dr. Jones, Dr. O'Hara, Dr. Pauly, Dr. Welky
Assistant Professors: Dr. Craun, Dr. Green, Dr. Harper, Dr. Matkin-Rawn, Dr. Neilson, Dr. Rosenow, Dr. Toudji
Lecturers: Dr. Little, Dr. Ramsey
Visiting Assistant Professor: Dr. Foster, Dr. Watts
Instructors: Ms. Carter, Ms. Rushing

[1] Purposes

History is at the center of a liberal arts education. It provides us not only with a memory of the past--a sense of how people, groups, states, and nations arrive at where they are now--but also perspectives on other cultures and civilizations, past and present, and an appreciation for the varieties and ambiguities of the human experience. By educating students about their own past and the past of others, using evidence from different times and places, the Department of Histo seeks to prepare students for responsible citizenship at home and in the world community.

The department stresses the development of critical reading and thinking skills, reasoning, oral and written communication, and the analysis and interpretation of conflicting evidence. Above all, the history program emphasizes the cultivation of sensitivity to human differences and values. Historical study prepares students for careers in teaching, law, journalism, public history, local, state, and national service, business, and graduate study in history or in other disciplines

[2] The Undergraduate Scholars Program in History

In the junior or senior year, students who are history or social studies majors may be invited to participate in the undergraduate scholars program. Requiremen for graduation with honors are as follows:

1. A minimum cumulative grade point average of 3.25 and a 3.50 grade point average in the major
2. Successful completion of HIST 3388 Tutorial Studies in American History or HIST 3389 Tutorial Studies in World History
3. Submission and approval of an Honors Thesis

[3] Baccalaureate Degrees

The Department of History offers three baccalaureate degree programs: the Bachelor of Science in Education (BSE) in Social Studies, History Emphasis; the Bachelor of Arts (BA) history major; and the Bachelor of Science (BS) history major. The BSE program prepares students for careers in secondary education, and successful completion brings teacher licensure from the Arkansas Department of education to teach social studies. The BA and BS history majors prepare students for careers in history, public service, and other fields and graduate study. Given that history as a discipline straddles the humanities and social science students whose study inclines toward the social sciences, such as environmental history, history of science, etc., are better served by the BS degree. Students whose interest goes towards the humanities would find a better fit with the BA degree which includes the study of languages. Students who plan to pursue graduate study in history find the BA advantageous, as many MA programs and most Ph.D. programs in history require competency in at least one foreign language.

[3.1] Bachelor of Arts/Bachelor of Science

The degree of Bachelor of Arts or Bachelor of Science, with a major in history, requires successful completion of 120 hours, including (1) the general education component, (2) degree requirements, (3) history courses as indicated below, and (4) a minor as worked out with the student's minor advisor.

[3.1.1] Major in History (39 hours)

HIST 1310, 1320, 2301, 2302 (upper-division US history hours may be substituted with departmental approval); HIST 2320*; HIST 4300; history electives, 21 hours (must include at least 6 hours from US history and 6 hours from world history courses excluding HIST 4310). At least 15 hours must be upper-division.

* Concurrent enrollment or completion of 2320 Introduction to Historical Research will be a prerequisite for any history major to enroll in any 4000-level cours that counts toward a major.

[3.1.2] Minor in History (24 hours)

HIST 1310, 1320, 2301, 2302 (upper-division US history may be substituted with departmental approval); history electives, 12 hours excluding HIST 4310. At least 6 hours must be upper-division.

[3.2] Bachelor of Science in Education in Social Studies, History Emphasis

Persons wishing to pursue a BSE in social studies (history emphasis) must apply to the Office of Candidate Services and Field Experience and meet established criteria for admission to the teacher education program. The degree requires 47 hours of General Education, 21-23 hours of Professional Education, 51 hours o History/Social Studies, and 12 hours in Teacher Internship. A minimum of 40 hours must be at 3000 or 4000 level after a student has 45 hours with a GPA of 2.5 or higher.

Students should refer to the College of Education bulletin to determine specific requirements for admission to the professional education program. Contact the Chair of the Department of History (450-3158), the Chair of the Department of Middle and Secondary Education and Instructional Technologies (450-5466), or the Office of Candidate Services and Field Experience (450-3131).

[4] African and African-American Studies

Major/Minor requirements click here.

[5] Master's Degree

See *Graduate Bulletin*.

[6] Courses in History (HIST)

[6.1] United States History

Follow this link for HIST - United States History course descriptions: course link.

[6.2] World History

Follow this link for HIST - World History course descriptions: course link.

[6.3] Special Topics Courses

Follow this link for HIST - Special Topics course descriptions (social studies, topics courses, internships): course link.

Department of Philosophy and Religion

Chair and Professor: Dr. Harvey, 450-3179
Professors: Dr. Mehl, Dr. Shelton
Associate Professors: Dr. Crockett, Dr. Deitrick
Assistant Professors: Dr. Butler, Dr. Duncan, Dr. Held, Dr. Rider
Lecturer II: Dr. Novy, Mr. Spivey
Lecturer I: Dr. Thiher
Instructors: Dr. Winden Fey, Mr. Brasovan, Ms. Jeffcoat, Mr. Saafir, Mr. Springer

[1] Purposes

The Department of Philosophy and Religion offers degree programs with majors in philosophy or religious studies. The department administers the interdisciplinary degree program in Religious Studies. The philosophy program serves all academic disciplines by the examination and analysis of the major ide that have shaped our civilization and by the development of skills in critical thinking. The interdisciplinary religious studies program introduces students to the basic methods and subject matter of the study of religion. Philosophy and religion courses are designed both to contribute to a broad liberal education and to enrich more vocationally oriented programs. Both the major and minor in philosophy and religious studies are designed to provide the core of a liberal arts education for students interested in graduate, professional, or divinity school. They also provide broad, non-specialized degrees for those who desire career flexibility.

A student who majors in philosophy will acquire a fundamental understanding of philosophy, which includes an understanding of the central problems of philosophy, a comprehension of the various methods of philosophical inquiry and discourse, a knowledge of the historically significant philosophers and philosophical movements, a knowledge of the fundamental principles of logic and an understanding of the basic theories of ethics. A student who majors in philosophy will achieve a satisfactory level in the application of critical thinking skills and will be able to write a philosophical paper.

A student who majors in Religious Studies will gain a broad understanding of various religious texts, practices and traditions, as well as critical tools to interpre and assess these traditions, in the areas of theory and method; Asian religious traditions; Western religious traditions; sacred art, ritual and literature; religion, culture and society; and religious thought. A student who majors in Religious Studies will learn to examine and evaluate religious phenomena and ideas from several disciplinary and inter-disciplinary viewpoints, including philosophical, historical, anthropological, literary and theological perspectives.

[2] The Undergraduate Scholars Program in Philosophy

Students who major in philosophy and who demonstrate exceptional ability may request or may be invited to enter the undergraduate scholars program. In addition to or as one of the courses required for a major in the area, the student must

1. Complete PHIL 4301 Philosophy Honors Tutorial;
2. Maintain a minimum 3.25 grade point average overall, and a 3.5 grade point average in the major;
3. Complete an honors thesis in conjunction with PHIL 4301; and
4. Pass an oral examination on the thesis conducted by three faculty members.

[3] The Undergraduate Scholars Program in Religious Studies

Students who major in religious studies and who demonstrate exceptional ability may request or may be invited to enter the undergraduate scholars program. addition to or as one of the courses required for a major in the area, the student must

1. Complete RELG 4300 Religious Studies Honors Tutorial;
2. Maintain a minimum 3.25 GPA overall and a 3.5 GPA in the major;
3. Complete an honors thesis in conjunction with RELG 4300; and
4. Pass an oral examination on the thesis conducted by three faculty members.

[4] Baccalaureate Degrees in Philosophy: Bachelor of Arts/Bachelor of Science

The degree of Bachelor of Arts or Bachelor of Science, with a major in philosophy, requires successful completion of 120 hours, including (1) the general education component, (2) degree requirements, (3) major requirements listed below, and (4) a minor as worked out with the student's minor advisor.

[4.1] Major in Philosophy (33 hours)

Required courses (12 hours): PHIL 2310 or 3310; 3320 or 3325; 3300; and 3302.

Elective courses (21 hours)

At least two courses from the History of Philosophy area (6 hours): 3301; 3303; 3304; 4305 or 4306.

At least one course from the Epistemology & Metaphysics area (3 hours): 3310; 3341; 3370; 3375; 3380; 4306; or 4330.

At least one course from the Social, Political, Values area (3 hours): 2300; 3320; 3325; 3330; 3331; 3340; 3343; 3345; 3352; 3360; 4340; or 4350.

Students should select three additional elective courses (9 hours) from any of the groups. Courses at or above the 2000 level with the prefix RELG may also function as electives for the major with permission of advisor and chair.

The following are special courses, that, depending on content, may or may not substitute for a requirement or elective: 3390, 3395; 4300; 4301; or 4310.

[4.2] Minor in Philosophy (21 hours)

Required courses (6 hours): PHIL 2310 or 3310; and 3320 or 3325.

Elective courses (15 hours)

At least two courses from the History of Philosophy area (6 hours): 3300; 3301; 3302; 3303; 3304; 4305 or 4306.

At least one course from the Epistemology & Metaphysics area (3 hours): 3310; 3341; 3370; 3375; 3380; 4306; or 4330.

At least one course from the Social, Political, Values area (3 hours): 2300; 3320; 3325; 3330; 3331; 3340; 3343; 3345; 3352; 3360; 4340; or 4350..

Students should select one additional elective course (3 hours) from any of the groups. Courses at or above the 2000 level with the prefix RELG may also function as electives for the minor, with permission of advisor and chair.

The following are special courses that, depending on content, may or may not substitute for a requirement or elective: 3390, 3395; 4300; 4301 and 4310.

[5] Baccalaureate Degree in Religous Studies: Bachelor of Arts

[5.1] Major in Religious Studies (33 hours)

Required course (3 hours): RELG 3301

Elective courses (30 hours)

At least one course from the Asian Religious Traditions area (3 hours): HIST 3303, PHIL 3352 or RELG 3325.

At least one course from the Western Religious Traditions area (3 hours): HIST 3320, 3321, 4387, RELG 2300 or 3335.

At least one course from the Sacred Art, Ritual and Literature area (3 hours): ART 2325, ENGL 3325, 4341, RELG 2332 or 2333.

At least one course from Religion, Culture and Society area (3 hours): ANTH 3310, HIST 4302, RELG 3315, 3330, 3340 or SOC 4300.

At least one course from the Religious Thoughts area (3 hours): PHIL 3331, 4340, RELG 3320, 3345, 4320 or 4325.

And, five additional elective courses from any area above, or any other course that contributes to the Religious Studies program (15 hours): ANTH 3315, PHIL 2300, 3301, 3303, 3343, 3370, RELG 1320 or 1330, 3380, 4325, 4330.

[5.2] Minor in Religious Studies (24 hours)

Required course: (3 hours): RELG 3301

Elective courses (21 hours):

At least one course from the Asian Religious Traditions area (3 hours): HIST 3303, PHIL 3352, or RELG 3325.

At least one course from the Western Religious Traditions area (3 hours): HIST 3320, 3321, 4387, RELG 2300 or 3335.

At least one course from the Sacred Art, Ritual and Literature area (3 hours): ART 2325, ENGL 3325, 4341, RELG 2332 or 2333.

At least one course from Religion, Culture and Society area (3 hours): ANTH 3310, HIST 4302, RELG 3315, 3330, 3340 or SOC 4300.

At least one course from the Religious Thoughts area (3 hours): PHIL 3331, 4340, RELG 3320, 3345, 4320 or 4325.

And, two additional elective courses from any area above, or any other course that contributes to the Religious Studies program (6 hours): ANTH 3315, HIST 4387, PHIL 1330, 2300, 3301, 3303, 3343, 3370, RELG 1320 or 1330, 3330, 3380, 4325, 4330.

[6]Courses in Philosophy (PHIL)

Follow this link for PHIL course descriptions: course link.

[7] Courses in Religion (RELG)

Follow this link for RELG course descriptions: course link.

Department of Political Science

Chair and Professor: Dr. Clay Arnold, 450-5691
Professors: Dr. McInnis, Dr. Passe-Smith, Dr. Wekkin
Associate Professors: Dr. Mullenbach, Dr. Hoffman, Dr. Howard
Assistant Professors: Dr. Dooley, Dr. Sullivan, Dr. Tiruneh
Visiting Lecturer: Ms. Wofford

[1] Purposes

The primary objective of the undergraduate political science program, located in the Department of Political Science, is to provide students with the conceptual and analytical tools for understanding political institutions and processes. The political science curriculum is designed to satisfy the needs of (1) those students desiring to major or minor in political science and (2) those students majoring in other fields of study who elect to include courses in political science as a part of their general education requirements. In addition, the department administers an undergraduate degree program in public administration(with the goal of preparing students for careers in local, state, and/or federal government) and in international studies (with the goal of preparing students for careers in international relations and comparative politics).

Courses offered deal with the place of politics in society and contribute to an understanding and appreciation of the purposes, organization, and operation of domestic and international political systems.

[2] The Undergraduate Scholars Program in Political Science

Senior students who have demonstrated exceptional achievement in political science may participate in the scholars program. Successful completion of the program allows the student to graduate with honors in political science. The requirements are as follows:

1. Major in political science, including public administration and international studies;
2. A minimum overall grade point average of 3.50 and a 3.50 grade point average in political science/public administration and international studies;
3. Enrollment in PSCI 4399 during first semester of senior year;
4. Departmental Honors form signed;
5. Departmental approval of the honors research project prior to graduation.

[3] Baccalaureate Degrees and Minor Programs

[3.1] Bachelor of Arts/Bachelor of Science in Political Science

The degree of Bachelor of Arts or Bachelor of Science, with a major in political science, requires successful completion of 120 hours, including (1) the general education component, (2) specific BA or BS degree requirements, (3) major requirements listed below, and (4) a minor approved by the student's minor advisor

[3.1.1] Major in Political Science (36 hours)

All policital science majors are required to take PSCI 2300, 2305, 2315, 2320, and 2312 or 2322 and three hours at the 3000 level or above from a minimum four of the six Political Science subfields (see below); and nine hours at the 3000 level or above of political science electives. PSCI 1330 is a prerequisite for all junior and senior level classes.

[3.1.2] Minor in Political Science (24 hours)

PSCI 2300, 2305, 2315, 2312 or 2322, and 2320, and three hours at the 3000 level or above from three of the six Political Science subfield (see below). PSCI 1330 is a prerequisite for all junior and senior level classes.

NOTE:

Public administration majors who choose to minor in political science must use PSCI 2305 and PSCI 2312 or 2322 for the public administration major. Therefor public administration majors must select two additional elective courses from any of the political science subfields to meet the 24 hour minor requirement.

International studies majors who choose to minor in political science must use the PSCI 2300, 2320, andd 2312 or 2322 fro the international studies major. Therefore, international studies majors must select three additional courses from any of the political science subfields to meet the 24 hour minor requirement.

[3.1.3] Political Science Subfields

American Politics: PSCI 3300, 3330, 3336, 3350, 3372, 3375, 4300, 4301, 4315, 433, 4335, 4340, 4390, 4199-4499

Comparative Politics: PSCI 3340, 3382, 4305, 4320, 4325, 4328, 4340, 4345, 4348, 4390, 4199-4499

International Relations: PSCI 3305, 3315, 4310, 4312, 4340, 4388, 4395, 4390, 4199-4499

Political Theory: PSCI 3370, 3371, 4307, 4331, 4340, 4390, 4199-4499

Public Administration: PSCI 3365, 4351, 4375, 4385, 4390, 4391, 4199-4499

Public Policy: PSCI 3320, 3361, 4350, 4386, 4390, 4199-4499

[3.2] Bachelor of Science in Public Administration

[3.2.1] Purpose

The bachelor of Science in Public Administration program, located in the Department of Political Science, prepares students for careers in government (federal, state, and local) and in non-profit organizations. The 36 hour program offers courses in state government and politics, local government and politics, intergovernmental relations, public management, public policy, program evaluation, administrative law, government budgeting, community and regional planning, and a variety of substantive policy topics (education policy, environmental policy, and community and economic development policy). The program al requires a six credit hour internship in a public or non-profit organization.

[3.2.2] Major in Public Administration (36 hours)

The degree of Bachelor of Science, with a major in public administration, requires successful completion of 120 hours, includding (1) the general education component, (2) specific BS requirements, (3) the major listed below, and (4) a minor approved by the student's minor advisor.

All public administration majors are required to take PSCI 2305, 2312 or 2322, 3300, 3361, 3365, and 4610 and nine hours at the 3000 level or above from th public administration issue area (see below) with at least two of the three courses selected from PSCI and six hours at the 3000 level or above from the public policy issue area (see below) with at least one of the two courses selected from PSCI. PSCI 1330 is a prerequisite for all junior and senior level classes.

[3.2.3] Issue Areas

Public Administration: PSCI 3336, 4334, 4351, 4375, 4385, 4391, 4199, GEOG 3305, 3325, 3371, 3381, and 4313.

Public Policy: PSCI 3320, 4335, 4350, 4386, 4199-4499, SOC 3370, and 4321

SOC 4321 Social Policy Analysis

[3.2.4] Minor in Public Administration (21 hours)

All public administration minors are required to take PSCI 2305*, 3300, 3361, 3365 and six hours at the 3000 level or above from the public administration issue area (see below) and three hours at the 3000 level or above from the public policy issue area (see below). PSCI 1330 is a prerequisite for all junior and senior level classes.

*Political Science majors who wish to minor in public administration must use PSCI 2305 for their major. Therefore, political science majors must take an additional course from the public administration issue area or public policy issue area to meet the 21 hour minor requirement.

Public Administration: PSCI 3336, 4351, 4375, 4385, 4391, 4199-4499

Public Policy: PSCI 3320, 4350, 4386, 4199-4499

[3.3] Minor in Presidential Studies

[3.3.1] Purpose

The goal of the Presidential Studies minor is to enable the undergraduate student seeking a career in Political Science, Public Administration, History, Journalism/Mass Communication, Business, or Education to select a minor field of study that will significantly enhance his/her substantive knowledge of the institutions, procedures, and policies of the American national government. Unlike the Political Science major and minor, which place equal emphasis upon political theory, American politics, and global politics, the Presidential Studies minor concentrates on American national politics and policy, focusing on how the chief executive influences and in turn is influenced by other institutions in the making of American national policy at home and abroad. Enhancing the minor is the close proximity of the Clinton Presidential Center with its guest lectures, learning programs, and extensive museum and archive holdings.

[3.3.2] Curriculum (21 hours)

Recommended courses: HIST 2301, 2302, 2320

Prerequisites (6 hours): PSCI 1330, 2300

Required core courses (6 hours): PSCI 4315, 4334

Electives (15 hours): Select one course from each of five modules. **Module 1** Chief Executive Officer: PSCI 3360, 3361, 4391. **Module 2** Ceremonial Head of Stat PSCI 4390, 4399. **Module 3** Chief Diplomat: PSIC 4388, HIST 4335. **Module 4** Commander in Chief: HIST 3381, PSCI 4395. **Module 5** Chief Legislator: PSCI 433

[3.4] Bachelor of Arts in International Studies

[3.4.1] Purpose

The International Studies Program is a multidisciplinary program located in the Department of Political Science at the University of Central Arkansas that is intended for students who are interested in studying global topics and problems primarily from a social science perspective. Students are exposed to a variety o courses in the fields of international relations and comparative politics within the discipline of political science, as well as a variety of courses within the disciplines of economics, finance, geography, history, philosophy, and world languages. Students may choose to pursue either a major or a minor in Internation Studies.

[3.4.2] Major in International Studies (33 hours)

The degree of Bachelor of Arts, with a major in international studies, requires successful completion of 120 hours, including (1) the general education component, (2) completion of the BA degree requirements, (3) completion of an additional three [3] hours in a Foreign Language on the 2000-level or above, and (4) the major requirements listed below.

Core Requirements (12 hours): PSCI 1330, PSCI 2300, PSCI 2312 or PSCI 2322, and PSCI 2320.

Concentrations (18 hours): six courses at the 3000-level or above from one of the three International Studies concentrations (see below), including at least two courses (six hours) from the political science offerings.

Foreign Language Component (3 hours): one additional 2000-level or higher course (beyond the language requirements for a B.A. degree) in one foreign language.

[3.4.3] Concentrations

International Politics & Diplomacy: PSCI 3305, 3315, 3382, 4312, 4320, 4340, 4334 or 4388, 4395, 4390, 4399, HIST 4335, 4365, 4377, GEOG 3300, 3381.

International Political Economy & Development: PSCI 3382, 4305, 4310, 4328, 4340, 4390, 4399, ECON 3330, 4320, 4335, 4375, FINA 4333, GEOG 3305, 3385, HIST 3312..

Regional Studies: (Africa,and Middle East): PSCI 4340, 4345, 4348, HISt 3312, 4305, 4365, 4387, 4388; (Asia) PSCI 4312, 4340. GEOG 3300, 3345, 3346, PHIL 3352, HIST 3303, 3304, 3312, 4365, 4381, 4383, 4386 CHIN 3312; (Europe) PSCI 3340, 4340, GEOG 3300, 3335, HIST 4309, 4347, 4365, 4370, 4374, 4376 4377, 4380, 4382, 4394, 4397, SPAN 3312, FREN 3312, GERM 3312; (Latin America) PSCI 4325, 4340, GEOG 3300, 3315, HIST 3312, 3315, 4328, 4343, 435 4365, SPAN 3313, 3398, 4396.

[3.4.4] Minor in International Studies (21 hours)

Core Requirements (9 hours): PSCI 1330, PSCI 2300, and PSCI 2320.

Concentrations (9 hours): three courses at the 3000-level or above from one of the three International Studies concentrations (see above), including at least on course (three hours) from the political science offerings.

Foreign Language Component (3 hours): one additional 2000-level or higher course (beyond the language requirements for a B.A. degree) in one foreign language.

[4] Courses in Political Science (PSCI)

Follow this link for PSCI course descriptions: course link.

Department of Sociology

Chair and Associate Professor: Dr. Toth, 450-5665
Professors: Dr. Shepherd
Associate Professors: Dr. George, Dr. Powers, Dr. Wilson
Assistant Professors: Dr. Akhter, Dr. Campbell, Dr. Rich
Visiting Assistant Professor: Dr. Hall
Lecturer II: Ms. Rohweder
Lecturer I: Mr. Beacham
Instructors: Mr. Poe

[1] Purpose

The primary objective of the undergraduate sociology program is to provide students with conceptual and analytical tools for understanding the structure and variations of social interaction in human societies. The cultivation of students' abilities to apply what they learn to the practical resolution of social concerns in daily life, as well as the development of their theoretical knowledge and capacity for scholarly objectivity are all goals of the sociology program.

[2] The Undergraduate Scholars Program in Sociology

Junior or senior students may, at the invitation of the sociology faculty, be permitted to participate in the undergraduate scholars program in sociology. Successful completion of the program allows the student to graduate with honors in sociology and involves the following:

1. Completion of SOC 4390 taken in consultation with the advisor;
2. An overall grade point average of 3.25 and a 3.50 grade point average in the major;
3. An oral examination conducted by three members of the department as stated in number four below; and
4. Completion of an acceptable research paper based upon reading and research done in SOC 4390 and submitted to three members of the sociology faculty. These three faculty members will conduct the oral examination, which will focus primarily on the research paper.

[3] Baccalaureate Degrees: Bachelor of Arts/Bachelor of Science

The degree of Bachelor of Arts or Bachelor of Science, with a major in sociology, requires successful completion of 120 hours, including (1) the general educatio component, (2) degree requirements, (3) major requirements listed below, and (4) a minor as worked out with the student's minor advisor.

[3.1] Major in Sociology (33 hours)

Students who major in sociology should complete SOC 1300 with a grade of C or better. All sociology majors are required to take SOC 1300, 2321, 3320, 433 and 4360. In addition, students are required to take 18 hours as determined by their area of study.

[3.1.1] General Sociology

Sociology electives (16 hours), as selected from the remaining sociology courses.

Students may choose up to two courses (6 hours) from the ANTH list to count as electives for the general sociology concentration.

[3.1.2] Criminology Concentration

Criminology concentration requirements (9 hours), SOC 3370, 3371, 4355. Sociology electives (3 hours minimum), as selected from the remaining sociology courses in consultation with an advisor. Optional Interdisciplinary electives (6 hours maximum), PSCI 3375, PSCI 4300, PSCI 4301, H ED 4312.

Students may choose up to two courses (6 hours) from the ANTH list to count as electives for the criminology concentration.

[3.2] Minor in Sociology (18 hours)

Eighteen hours of sociology (including SOC 1300), 9 hours of which must be upper-division.

Students may choose up to two courses (6 hours) from the ANTH list to count as electives for the sociology minor.

[3.3] Minor in Anthropology (18 hours)

There are six required courses for the Minor in Anthropology, totaling 18 hours (9 hours have to be upper division). All Anthropology minors are required to ta ANTH 1302, then choose and complete two courses from the Anthropology Core to include ANTH 2300, 3300, 3310, WRTG 2350, 4325, ANTH 2325, 3315,

3340, 3350, and complete three additional courses from the Anthropology Core or from the designated electives: GEOG 1330, 3312, 3315, 3325, PHIL 3352, ENGL 1330, 3315, PSCI 3382, WLAN 2325, SOC 3310, 3361, 3398, 4301, ANTH 3360, 4190/4290/4390, 4370, 4380, 4395.

[4] Courses in Sociology (SOC)

Follow this link for SOC course descriptions: course link.

[4] Courses in Anthropology (ANTH)

Follow this link for ANTH course descriptions: course link.

Department of World Languages, Literatures and Cultures

Chair and Associate Professor: Dr. Lange, 450-5585
Professor: Dr. Bailey
Associate Professors: Dr. Parrack, Dr. Zambrano
Assistant Professors: Dr. Baker, Dr. Knapp, Dr. Monty, Dr. Parrack, Dr. Reid, Dr. Sorenson, Dr. Zhu, Dr. Zhuang
Lecturers: Ms. Carlin, Ms. Dodge, Dr. Giraud
Laboratory Instructor: Ms. Wilkes
Visiting Instructors: Ms. Barr, Ms. Koeth

[1] Purposes

- To develop proficient students with a functional control of the four fundamental language skills: speaking, listening, reading, and writing.
- To increase students' awareness, critical understanding, empathy, and respect for other cultures.
- To enable students to function effectively in a changing global community.
- To stress the relevance of the study of language, culture, and literature to career preparation.
- To develop a lasting appreciation for language, culture, and literature as a means of broadening our understanding of human experience.

[2] Programs

Major programs are offered in French and Spanish, and minor programs are offered in Chinese, French, German, and Spanish. The BA degree requirement for foreign language may be fulfilled in Chinese, French, German, Japanese, or Spanish. The curriculum permits maximum authentic practice of everyday language and cultural situations as well as in-depth study of general and specific topics in culture and literature. Students are highly encouraged to study abroad as they complete their language program.

French and Spanish majors are counseled to combine a second major or a minor in a related area of interest that will enhance their preparation for a profession career. Upon graduation, majors may qualify to teach on the secondary level, to attend graduate school, or to secure employment in any one of a variety of field requiring proficiency in a second language.

[3] Advanced Placement

The Department of World Languages, Literatures, and Cultures participates in the advanced placement program. Courses and the minimum requirements to be met in order to earn credit can be found elsewhere in the bulletin (see the Advanced Placement Program section of this bulletin). In general, students who have an AP score and who are interested in continuing study in the same language at UCA will be able to receive more credit if they also follow the procedures described below for the Department's Credit by Examination program.

[4] Credit by Examination

Students who have studied a second language in which they are not native speakers and who have not previously received undergraduate credit in that languag at a college or university may receive credit by examination. Such credit is limited to a maximum of 6 hours in a language or 12 hours within the department and is granted for the six credit hours of course work that immediately precedes the course of placement when the following criteria are met:

1. Achievement of a satisfactory score on proficiency examinations administered by the Department of World Languages, Literatures, and Cultures.
2. Satisfactory completion, with a minimum grade of B, of the language course at the level of placement recommended by the Department of World Languages, Literatures, and Cultures.

[5] Foreign Language Requirement for the Bachelor of Arts Degree

The Bachelor of Arts degree requires completion of three (3) semester hours of a foreign language at 2000-level or above. Guided-study (i.e., correspondence) courses will not be accepted as transfer credit in fulfillment of the foreign language requirement. Note: Students with prior experience in a language must take the departmental placement test before enrolling in their first course. The French, German, and Spanish placement exams are available at http://uca.edu/wlan/placement. There is no fee to take a placement exam. As an alternative, students sufficiently proficient in a foreign language can apply for B.A. Foreign Language Exemption with the chair of the World Languages, Literatures, and Cultures department.

[6] Undergraduate Scholars Program in French or Spanish

During the senior year, a student majoring in French or Spanish may be invited to participate in the undergraduate scholars program. Minimal requirements for graduation in the program are as follows:

1. Achievement of a 3.25 GPA overall and a 3.50 in the major
2. Demonstration of advanced level proficiencies in all four skills (speaking, listening, reading, and writing) on a senior exit examination
3. Successful completion of course 4310 demonstrated by submission and approval of a research paper on a literary, cultural, or linguistic topic
4. Presentation of an oral defense of the research paper before a committee made up of three members of the faculty of the department

[7] Baccalaureate Degrees

[7.1] Bachelor of Arts

The degree of Bachelor of Arts, with a major in French or Spanish, requires successful completion of 120 hours (of which 40 must be upper division), including (1) the general education component, (2) all degree requirements, (3) a major program in French or Spanish as outlined below, and (4) a minor as planned with the student's minor advisor.

[7.1.1] Major in Modern Languages (37 hours)

1. **Concentration in French or Spanish (37 hours)**
2. **Traditional or Teacher Education track**
    - Courses 3300 and 3303;
    - Three hours of culture and civilization (French 3312 or 3315; Spanish 3312, 3313, 3315 or 4396);
    - Three hours of literature (French 3315, 3320, 3321 or 4395; Spanish 3315, 3320, 3321 or 4395). Note: French 3315 may not be taken twice in fulfillment of both the culture and literature area requirements.
    - One course at the 4000 level (Spanish majors only). Spanish Teacher candidates must take Spanish 4350.
    - French 4350 (French majors only).
    - French or Spanish 4110: Senior Capstone Assessment
3. Completion of either WLAN/LING 2350 (World Languages) or LING 2320 (Introduction to Linguistics).
4. Satisfactory performance on proficiency tests upon entrance to and exit from the major program.
5. A minimum grade of C in each course applying to the major program.

[7.1.2] Modern Languages with Business Concentration in French or Spanish (37 hours)

1. Completion of a 34-hour language concentration that includes FREN/SPAN 2330 and one advanced level French or Spanish course related to business.
2. Completion of either WLAN/WRTG 2350 (World Languages) or WRTG 2320 (Introduction to Linguistics).
3. Students strongly encouraged to study abroad at one of our numerous exchange partner schools in Belgium, Canada, France, Mexico, and Spain.
4. Completion of a 24-hour General Business minor.

N.B. Students planning to pursue graduate study in business (i.e., MBA) should select MBA pre-requisite courses as their elective hours.

[7.1.3] Major in French (31 hours)

A major in French requires the following:

1. A minimum of 31 hours of courses at the 2310 level or above. These 31 hours must include:
    - Courses 3300 and 3303;
    - Three hours of culture and civilization (French 3312 or 3315);
    - Three hours of literature (French 3315, 3320, 3321 or 4395). Note: French 3315 may not be taken twice in fulfillment of both the culture and literature area requirements;
    - French 4350;
    - French 4110: Senior Capstone Assessment
2. Satisfactory performance on proficiency tests upon entrance to and exit from the major program.
3. A minimum grade of C in each course applying to the major program.
4. Teacher candidates must graduate with a 2.75 GPA overall in major courses.

[7.1.4] Major in Spanish (34 hours)

A major in Spanish requires the following:

1. A minimum of 34 hours of courses at the 2310 level or above. These 34 hours must include:
    - Courses 3300 and 3303;
    - Three hours of culture and civilization (Spanish 3312, 3313, 3315 or 4396);
    - Three hours of literature (Spanish 3315, 3320, 3321 or 4395). Note: Spanish 3315 may not be taken twice in fulfillment of both the culture and

literature area requirements;
    - One course at the 4000 level. Spanish Teacher candidates must take Spanish 4350;
    - Spanish 4110: Senior Capstone Assessment
2. Satisfactory performance on proficiency tests upon entrance to and exit from the major program.
3. A minimum grade of C in each course applying to the major program.
4. Teacher candidates must graduate with a 2.75 GPA overall in major courses.

[7.1.5] Minor in French, German, or Spanish (18 hours)

A minor in French, German, or Spanish requires the following:

1. A minimum of 18 hours at the 2310 level or above. These 18 hours must include:
    - Courses 2310, 2320, and 3300
    - Three hours of culture/civilization **or** literature (French 3312, 3315, 3320, 3321, or 4395; German 3312, 3320 or 4395; or Spanish 3312, 3313, 3320, 3321, 4395, or 4396);
    - Six hours of courses chosen from among the following: 2330, 3303, 3312, 3313, 3315, 3320, 3321, 3160, 3260, 3340, 3398, 4350, 4395, 4396 Note: FREN 3315 may not be taken twice in fulfillment of both the culture and literature area requirements.
2. Satisfactory performance on proficiency tests upon entrance to and exit from the program.
3. A minimum grade of C in each course applying to the minor program.

[7.1.6] Minor in Mandarin Chinese (18 hours)

A minor in Mandarin Chinese requires the following:

1. A minimum of 18 hours at the 2310 level or above. These 18 hours must include:
    - Chinese 2310, 2320, 3300, and 3303
    - CHIN 3312 – Chinese Culture and Society
    - CHIN 3320 – Advanced Reading in Chinese
2. Satisfactory performance on proficiency tests upon entrance to and exit from the program.
3. A minimum grade of C in each course applying to the minor program

[7.2] Bachelor of Arts with Teacher Licensure and ESL Endorsement

The BA curriculum may be combined with preparation for P-8 and 7-12 Foreign Language Education licensure. For further information, contact the Chair of the Department of World Languages, Literatures, and Cultures (450-5645), the Chair of the Department of Middle/Secondary Education and Instructional Technologies (450-3177), or the Office of Candidate Services and Field Experience (450-3131).

ESL Endorsement Courses: All teacher candidates with a major in foreign language who complete the teacher licensure program at UCA will graduate with ESL endorsement. In addition to WLAN 4315, 4325, and 4330 (described below), students must take EDUC 3309 in the College of Education.

[8] Proficiency Tests

All language majors and minors will be required to take a general proficiency test in the language before enrolling in upper-division courses. Exit assessment examinations in the language, literature, and culture of the target language are also required for all majors during the senior year. Additional courses will be required for students with deficiencies.

[9] Master's Degrees

See *Graduate Bulletin*.

[10] Courses offered in English (WLAN)

Follow this link for WLAN course descriptions: course link.

[11] Courses in French (FREN)

Follow this link for FREN course descriptions: course link.

[12] Courses in German (GERM)

Follow this link for GERM course descriptions: course link.

[13] Courses in Japanese (JAPN)

Follow this link for JAPN course descriptions: course link.

[14] Courses in Latin (LAT)

Follow this link for LAT course descriptions: course link.

[15] Courses in Russian (RUSS)

Follow this link for RUSS course descriptions: course link.

[16] Courses in Spanish (SPAN)

Follow this link for SPAN course descriptions: course link.

[17] Courses in Chinese (CHIN)

Follow this link for CHIN course descriptions: course link.

College of Natural Sciences and Mathematics

Interim Dean and Professor: Dr. Stephen Addison, 450-3199
Interim Associate Dean and Associate Professor: Dr. Ginny Adams , 450-3199

[1] Mission

The College of Natural Sciences and Mathematics supports the mission of the University of Central Arkansas through the departments of Biology, Chemistry, Computer Science, Mathematics, and Physics & Astronomy. The college mission is to provide current, superior learning opportunities for students of the university and for the public; to advance knowledge of our disciplines; and to furnish professional services locally, regionally, and nationally.

The College of Natural Sciences and Mathematics has as its central purposes

- To help students of the university develop life-long competencies in critical thinking, oral and written communication, quantitative reasoning, and problem-solving.
- To provide high quality, rigorous programs that prepare students to enter the work force as practitioners or teachers of mathematics, the natural science or computer science and other professions; to further their education through graduate programs in mathematics, the natural sciences, computer science and related disciplines; or to attend professional schools, in such fields as dentistry, engineering, medicine, optometry, pharmacy, or veterinary medicine
- To provide opportunities for advanced studies in biology, computer science, mathematics, and science education through master's degree programs.
- To serve students majoring in other programs that require solid foundations in mathematics and the natural sciences, such as teaching and the health professions.
- To acquaint all students with the complexity and diversity of the contemporary world, in the context of the mathematical and scientific branches of huma learning and ways of knowing, through general education courses.
- To provide, promote, and encourage professional growth opportunities for faculty and staff, including faculty and student scholarship that advances and disseminates knowledge of the disciplines.
- To serve the public, including consulting with schools, businesses, industries, and governmental agencies, delivering in-service training for teachers, making presentations to school children and the general public, and supporting professional organizations.

Students pursuing majors in the College of Natural Sciences and Mathematics are encouraged to participate in research as undergraduates. Additional informati about research opportunities can be obtained from the college or departmental offices.

[2] Departments

Biology
Chemistry
Computer Science
Mathematics
Physics and Astronomy

[3] Programs

Bachelor of Arts (BA), Bachelor of Science (BS), and Bachelor of Science in Education (BSE):

Biology (BS)
Chemistry (BS)
Computer Science (BS)
Environmental Science (see the program description in Interdisciplinary Studies) (BS)
General Science (BS)
Life Science/Earth Science (BSE)
Mathematics (BA, BS, BSE)
Physical Science/Earth Science (BSE)
Physics (BS)

Pre-professional studies (see Pre-Professional Studies in the Table of Contents):

Pre-Dentistry
Pre-Engineering
Pre-Medicine

Pre-Optometry
Pre-Pharmacy
Pre-Veterinary Medicine

Minors

Biology
Chemistry
Computer Science
Mathematics
Mathematics Education
Physics
Physical Science
Statistics

Master of Science (MS) and Master of Arts (MA):

Biology (MS)
Computer Science (MS)
Mathematics (MA, MS)

Department of Biology

Chair and Professor: Dr. Cash (501) 450-3146
Professors: Dr. Choinski, Dr. Dussourd, Dr. Runge
Associate Professors: Dr. R. Adams, Dr. Clancy, Dr. Hill, Dr. Larson, Dr. McDonald, Dr. Moran, Dr. Zehr
Assistant Professors: Dr. G. Adams, Dr. Bland, Dr. Entrekin, Dr. Naylor, Dr. Noyes, Dr. Padberg, Dr. Rowley, Dr. Starkey, Dr. Swanson, Dr. Vohra, Dr. Waggoner
Lecturer II's: Dr. Gomez-Kramer, Dr. Hirrel, Dr. Martin, Mr. Mimms, Mr. Wainwright
Lecturer I's: Ms. Horton, Dr. Peppers, Dr. Warren

[1] Purposes

Knowledge of biology relates directly to understanding contemporary human life and the natural world. The biology program aims to contribute this vital eleme to the liberal education of all students through required and elective courses in general education. Majors in biology are provided the basic foundation for pursuing careers in biological sciences. Majors can go into research, teaching, or professional positions in medicine, veterinary medicine, dentistry, optometry, environmental science, and various other applied and technical fields. Courses cover both the concepts and processes of biology as well as various groups of organisms. Advanced courses and individual research opportunities are available in numerous sub-disciplines. Students in related degree programs, such as applied health sciences and education, obtain the biological component of their programs from fundamental and applied courses offered in the Department of Biology.

[2] The Undergraduate Scholars Program in Biology

Junior or senior students with a grade point average of at least 3.0 overall are allowed to participate in a program which, when successfully completed, will qualify them to graduate as an Undergraduate Scholar in Biology. The program requires completion of all biology courses with a grade point of 3.25 or better, plus at least 3 additional hours of independent research (BIOL 3350) under the supervision of a committee consisting of a faculty mentor and two other faculty members. An acceptable written report of this research must be submitted, and an oral presentation must be given to the Department of Biology or in another suitable public forum. Additional details are available from the Biology Department office (Lewis Science Center, Room 180).

[3] Baccalaureate Degree: Bachelor of Science

The baccalaureate degree described below requires successful completion of a minimum of 120 hours, including (1) the general education component, (2) BS degree requirements, and (3) requirements in biological science, physical science and mathematics. Completion of a minor approved by both the major and the minor advisors is optional (see specific requirements below). Please note: *Students must earn a C or higher grade in a biology core course before enrolling in a subsequent biology core course or biology elective that lists that core course as a prerequisite. Similar prerequisite requirements also exist for courses in other departments offering courses required for a BS degree in Biology.*

[3.1] Major in Biology (40-48 hours)

Biology Core Requirements: BIOL 1440, 1441, 2490, 3402 and 3403

Required courses also include: CHEM 1450, 1451, 2401, 3411; PHYS 1410, 1420; MATH 1491 or MATH 1591 and MATH 2311

Biology Elective Requirements:

Major without a minor: 28 hours of electives chosen from the following 5 groups, including a minimum of four (4) laboratory courses

Major with a minor: 20 hours of electives chosen from the following 5 groups, including a minimum of four (4) laboratory courses

Cellular and Molecular Concepts (must select at least one class)

BIOL 4320
BIOL 4405
BIOL 4425
BIOL 4530
BIOL 4340
BIOL 3420
BIOL 4475

Biological Structure and Function (must select at least one class)

BIOL 4311

BIOL 4351
BIOL 4360
BIOL 4428
BIOL 4430
BIOL 4450
BIOL 4460
BIOL 4400

Diversity of Organisms (must select at least one class)

BIOL 4401
BIOL 3410
BIOL 4404
BIOL 4410
BIOL 4418
BIOL 4440
BIOL 4461
BIOL 4470
BIOL 4455

Ecology and Evolutionary Biology (must select at least one class)

BIOL 3360
BIOL 3390
BIOL 4435
BIOL 4415
BIOL 4442
BIOL/ENVR 4465
ENVR 3410

Additional Qualified Electives (no mandatory minimum from this catagory)

BIOL 3305
BIOL 4100
BIOL 4445
BIOL 4250
BIOL 3150/4155*
BIOL 3145/3245/3345/3445*
BIOL 3185/3285/3385/4185/4285/4385*
BIOL 4330
BIOL 4406
BIOL 4407
CHEM 4320
CHEM 4121

*requires submission of proposal and departmental approval to be used as biology elective toward fulfilling degree requirements.

[3.2] Minor in Biology (24 hours)

Minimum Requirements: BIOL 1440, 1441, 2490, 3402, 3403, plus 4 elective hours chosen from 2405, 2406, 2407, 2411, 2420, 3370 and all courses listed a electives for the major. Additional requirements include CHEM 1450, 1451, 2401 and PHYS 1410, 1420.

[4] Teaching Licensure

A student with a Bachelor of Science degree in Biology who is interested in obtaining teaching licensure in life science/earth science should contact the science education advisor in the Department of Biology (Dr. Bland; 450-5967 or Mr. Mimms; 450-3677) and the chair of the Department of Middle/Secondary Educatio and Instructional Technologies (450-3177).

[5] Master's Degree

See *Graduate Bulletin*.

[6] Courses in Biology (BIOL)

Follow this link for BIOL course descriptions: course link.

[7] Courses at the Gulf Coast Research Laboratory

The University of Central Arkansas is affiliated with the Gulf Coast Research Laboratory (GCRL) at Ocean Springs, Mississippi. Students may take GCRL courses and receive credit at UCA.

UCA advisor: Dr. Noyes

Prerequisite for all courses: BIOL 2490 and consent of Department.

The following courses offered at GCRL can be used to satisfy up to 4 semester hours of the biology elective credit requirement at UCA. Special Problems in Marine Science (course #490) may satisfy up to 4 additional hours of the biology elective credit requirement upon approval of the Biology Department Independent Study Committee.

Number	Title	SCH
301	Marine Science II: Marine Biology	3
301L	Marine Science II: Marine Biology Lab	2
403/503	Marine Invertebrate Zoology	3
403L/503L	Marine Invertebrate Zoology Lab	3
405/505	Marine Ecology	3
405L/505L	Marine Ecology Lab	2
407/507	Marine Aquaculture	3
407L/507L	Marine Aquaculture Lab	3
408/508	Marine Ichthyology	3
408L/508L	Marine Ichthyology Lab	3
421/521	Coastal Vegetation	2
421L/521L	Coastal Vegetation Lab	1
423/523	Marine Mammals	3
423L/523L	Marine Mammals Lab	3
490/590	Special Problems in Marine Science	TBA

Department of Chemistry

Chair and Professor: Dr. Mauldin, 450-5936
Professors: Dr. Manion, Dr. Desrochers, Dr. Taylor
Associate Professors: Dr. Carter, Dr. Isom, Dr. Kelley, Dr. Perry, Dr. Steelman, Dr. Tarkka
Assistant Professors: Dr. Dooley, Dr. Marquis, Dr. Weaver, Dr. Yang
Lecturer I: Dr. Yarberry

[1] Purposes

The Department of Chemistry curriculum provides a broad range of instruction in chemistry. It includes a general education course and lower-division courses general chemistry and organic chemistry for students with a wide variety of career goals such as a major in one of the natural sciences, pre-healing arts (nursing, medicine, dentistry, veterinary medicine), engineering, or secondary school teaching.

Students majoring in chemistry receive instruction in the fundamental areas of chemistry subsequently supplemented by more advanced courses in appropriate areas. Laboratory instruction is emphasized at all levels, and students are encouraged to participate in collaborative laboratory research with faculty members. Students completing a chemistry major program of study are prepared for careers as professional chemists as well as for graduate study in chemistry or other postgraduate professional schools.

The chemistry department curriculum is approved by the Committee on Professional Training of the American Chemical Society.

[2] The Honors Program in Chemistry

Junior or senior students with an overall GPA of 3.25, a chemistry GPA of 3.4 or better, and the consent of the department chair may be allowed to participate i a program which, when successfully completed, will allow them to graduate with honors in chemistry. This program consists of not less than two semesters of laboratory research on a chemistry problem and the writing of an acceptable report on the research completed.

[3] Baccalaureate Degree: Bachelor of Science

The degree of Bachelor of Science, with a major described below, requires successful completion of 120 hours, including (1) the general education component, (2) degree requirements, and (3) major and minor requirements in chemistry listed below.

[3.1] Major in Chemistry (ACS-certified)

Standard Track (48 hours)

Minimum requirements: CHEM 1450, 1451, 2401, 3150, 3411, 3211, 3520, 4112, 4320, 4380, 4450, 4451, 4460, plus a minimum of two credit hours of research and one of the following: CHEM 3360, 4335, 4351, 4385; CHEM 4301 is excluded from the ACS-certified major; MATH 1591, 1592, 2371 and 3331; PHYS 1441 and 1442.

No minor required

Biochemistry Track (44 hours)

Minimum requirements: CHEM 1450, 1451, 2401, 3411, 3211, 3520, 4121, 4112, 4320, 4335, 4450, 4460, either CHEM 3360 or 4380, plus a minimum of tw credit hours of research; CHEM 4301 is excluded from the ACS-certified major; MATH 1591, 1592 and 2371; PHYS 1441 and 1442; BIOL 1440, 1441, 2490, an 3420.

No minor required

[3.2] Major in Chemistry (38 hours)

Minimum requirements: CHEM 1450, 1451, 2401, 3411, 3211, 4320, 3360, 3520, 4112, 4450, 4460 (CHEM 4301 is excluded); MATH 1591, 1592, 2371; PHYS 1441 and 1442 (or PHYS 1410 and 1420 if approved in advance by the chair of the Department of Chemistry). Two credit hours of chemical research is recommended (may be begun as early as the sophomore year).

Minor required

[3.3] Minor in Chemistry (24 hours)

CHEM 1450, 1451, 2401, and chemistry electives at the 3000-level or above (CHEM 4301 excluded) for a total of at least 24 hours.

[3.4] Major in General Science

See the General Science page (Interdisciplinary Programs).

[3.5] Minor in Physical Science

See Department of Physics and Astronomy.

[4] Teacher Licensure

Students interested in teaching should pursue one of two plans of study: (a) complete a bachelors degree with a major in Life/Earth Science or Physical/EarthScience leading to teacher licensure or (b) complete a Master of Arts in Teaching (MAT) degree after completion of a BS in Chemistry. Contact UCA Department of Teaching and Learning for more information.

[5] Courses in Chemistry (CHEM)

Follow this link for CHEM course descriptions: course link.

Department of Computer Science

Chair and Professor: Dr. Chenyi Hu, 450-3401
Associate Professor: Dr. Sun
Assistant Professors: Dr. Chen, Dr. Kockara, Dr. Paruchuri, Dr. Sheng, Dr. Young
Lecturers: Dr. Smith, Mrs. Thessing

[1] Purposes

The Department of Computer Science offers a degree leading to a Bachelor of Science in Computer Science, a Master of Science degree in Applied Computing, and a minor in Computer Science. The Bachelor of Science degree emphasizes problem solving in the context of algorithm development and software implementation, and prepares students for effectively using modern computer systems in various applications. This BS program requires a minimum of 48 cred hours in computer science, about 31 credit hours in mathematics and the sciences, and the university general education program. The departmental curriculum provides required computer science courses such as programming languages, data structures, computer architecture and organization, algorithms, database systems, operating systems, and software engineering; as well as elective courses in artificial intelligence, computer-based communication networks, distributed computing, information security, graphics, human-computer interaction, multimedia, scientific computing, web technology, and other current topics in compute science.

The purpose of the BS in computer science is twofold: (1) to prepare the student for a position involving the design, development and implementation of computer software and systems, and (2) to prepare the student for entry into a program of graduate study in computer science and related fields. The educational objectives for the BS degree program are:

Objective 1: Grow as well-educated professionals with integrated high-level understanding of computing systems, processes, and the main body of knowledge computer science as a whole;
Objective 2: Be able to creatively apply essential concepts, principles, and practices to construct appropriate solutions and analyze application processes using professional judgment in the selection and application of theory, tools and techniques;
Objective 3: Work productively, as an individual and as a team member, to produce work involving problem identification, analysis, design, and development of software system within a professional, legal, and ethical framework; and
Objective 4: Maintain their skills as the field evolves, and appreciate the needs for continuing professional growth and development to keep current in the profession.

All undergraduate students majoring in Computer Science will meet the following program general outcomes, specified by ABET CAC, upon their graduation:

a. An ability to apply knowledge of computing and mathematics appropriate to the discipline;

b. An ability to analyze a problem and identify and define the computing requirements appropriate to its solution;

c. An ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs;

d. An ability to function effectively on teams to accomplish a common goal;

e. An understanding of professional, ethical, legal, security, and social issues and responsibilities;

f. An ability to communicate effectively with a range of audiences;

g. An ability to analyze the local and global impact of computing on individuals, organizations, and society;

h. Recognition of the need for, and an ability to engage in continuing professional development;

i. An ability to use current techniques, skills, and tools necessary for computing practices.

Specifically, graduates should have:

a. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in way that demonstrates comprehension of the tradeoffs involved in design choices;

b. An ability to apply design and development principles in the construction of software systems of varying complexity.

The department of computer science also offers a computer science curriculum leading to a minor in computer science. This curriculum provides necessary background for students interested in using computational methods to solve a broad range of application problems in sciences and engineering, such as

bioinformatics, computational chemistry, computational engineering, computational mathematics, and other

[2] The Honors Program in Computer Science and BS/MS Combined Option

Junior and senior students who have demonstrated superior achievement in all areas, particularly in their computer science major, may be invited to participate an advanced honors program. These students will engage in investigations in special computer science topics. The successful completion of their research will make these students eligible to graduate with honors in computer science.

The department offers a combined and accelerated option for students to complete both the B.S. in Computer Science and the M.S. in Applied Computing degrees. This option allows qualified undergraduate seniors in the B.S. program in Computer Science to take first-year graduate-level courses in the M.S. program. These students will be able to complete all the requirements for the B.S. and M.S. programs in five years. Students interested in this five-year B.S./M.S combined option should contact his/her academic advisor or the department chair for details.

[3] Baccalaureate Degree: Bachelor of Science

The Bachelor of Science, with a major in computer science, requires successful completion of 120 hours, including (1) general education requirements, (2) degre requirements, and (3) major requirements outlined below. This program does not require a minor.

[3.1] Major in Computer Science (48 hours)

Computer science courses: Required courses for degree CSCI 1470, 1480, 2320, 2440, 3190, 3330, 3360, 3370, 3380, 3381, 4191, 4300, 4490, and 9 hours electives to be chosen from CSCI 3335, 3345, 3350, 3375, 3385, 4195, 4295, 4310, 4315, 4320, 4340, 4345, 4350, 4353, 4355, 4360, 4365, 4370, 4390, and 4395. A maximum of 3 hours credit from courses 4195 and 4295 may be used in meeting the 9-hour elective requirement in computer science. At most one CSCI course with grade of D can be applied toward the BS degree.

Required mathematics courses (19 hours): MATH 1491, 2311, 2330, 3311, 3320, 3330.

Required science courses (12 hours): One sequence (8 hours) of biology (BIO 1440 and 1441), or chemistry (CHEM 1450 and 1451), or physics (PHYS 1410 and 1420; or PHYS 1441 and 1442); and one science course other than the selected sequence.

[3.2] Minor in Computer Science (20 hours)

Required CSCI courses: CSCI 1470, 1480, 2320, 2440, and at least five credit hours chosen from upper-division CSCI courses.

[4] Master's degree

See *Graduate Bulletin*.

[5] Courses in Computer Science (CSCI)

Follow this link for CSCI course descriptions: course link.

Department of Mathematics

Chair and Professor: Dr. Garimella, 450-3147
Professors: Dr. Arrigo, Dr. Foss, Dr. Griffith, Dr. Huff, Dr. Pinchback
Associate Professors: Dr. Bratton, Dr. Butcher, Dr. Hickling, Dr. Liu, Dr. McGehee, Dr. Watson
Assistant Professors: Dr. Burg, Dr. Carmack, Dr. Le, Dr. Martin, Dr. Rathinasamy
Lecturer I: Mrs. Booher

[1] Purposes

Through programs in mathematics, applied mathematics, and mathematics education, the undergraduate mathematics curriculum furnishes the necessary background for specialization in technical fields, graduate study in mathematics, teaching mathematics at elementary, middle, and secondary levels, and work in business, industry, and government.

[2] Advanced Placement

The Department of Mathematics awards advanced placement credit to students who score at a certain level on the College Board Advanced Placement Examination. Credit for Calculus I is awarded to any student who scores three or higher on the Calculus AB exam. Credit for Calculus I and Calculus II is award to any student who scores three or higher on the Calculus BC exam. Credit for Statistical Methods I (MATH 2311) is awarded to any student who scores three o higher on the AP Statistics exam.

[3] The Honors Program in Mathematics

Junior and senior students who have demonstrated superior achievement in all areas, particularly in their mathematics major, may be invited to participate in an advanced honors program. These students engage in investigations in special topics while enrolled in a special problems or research course. The successful completion of these research studies and the recommendation of the department committee (based on written and oral presentation of thesis) make a student eligible to graduate with honors in mathematics as a departmental scholar.

[4] Baccalaureate Degrees

[4.1] Bachelor of Arts

The Bachelor of Arts degree with a major in mathematics requires successful completion of at least 120 hours including (1) the general education component, (degree requirements, (3) major requirements listed below, and (4) a minor approved by the student's minor advisor.

[4.1.1] Major in Mathematics (40 hours)

MATH 1591, 1592, 2335, 2371, 3320, 3331, 3360, 3362, 4362, 4371; and six hours of electives selected from the following courses: MATH 4305, 4315, 4316 4330, 4340, 4363, 4372, 4373, 4375, 4385.

[4.1.2] Minor in Mathematics (19 hours)

MATH 1591, 1592, 2335, 3360, and three hours of electives from the following list: MATH 2371, 3320, 3331, 3362, 4340, 4371, 4375, 4385.

OR

MATH 1591, 1592, 3320 and six hours of electives from the following list: MATH 2371, 3331, 3360 (requires MATH 2335), 3362, 4305, 4315, 4330, 4340, 4371, 4372, 4375, 4385.

[4.2] Bachelor of Science

The Bachelor of Science degree with a major in mathematics or applied mathematics requires successful completion of at least 120 hours including (1) the general education component, (2) major requirements listed below, and (3) a minor approved by the student's minor advisor.

A minor is not required for the Bachelor of Science in mathematics for students who are admitted to the UCA teacher education program and complete the requirements for teacher licensure in mathematics.

[4.2.1] Major in Mathematics (40 hours)

MATH 1591, 1592, 2335, 2371, 3320, 3331, 3360, 3362, 4362, 4371, and six hours of electives selected from the following courses: MATH 4305, 4315, 4316 4330, 4340, 4363, 4372, 4373, 4375, 4385.

[4.2.2] Major in Applied Mathematics (44 hours)

MATH 1591, 1592, 2335, 2371, 2441, 3320, 3331, 4305, 4306, 4371, 4372, at least one of the three courses MATH 4315, 4340 or 4373, and a minimum of three hours of electives selected from the following courses: MATH 4315, 4316, 4330, 4340, 4362, 4373, 4374, 4375, 4385. This major also requires a two-course sequence from the following: PHYS 1441 and 1442, or PHYS 1410 and 1420, or CHEM 1450 and 1451 or ECON 2320 and ECON 2321.

[4.2.3] Minor in Mathematics (19 hours)

MATH 1591, 1592, 2335, 3360, and three hours of electives from the following list: MATH 2371, 3320, 3331, 3362, 4340, 4371, 4375, 4385.

OR

MATH 1591, 1592, 3320 and six hours of electives from the following list: MATH 2371, 3331, 3360 (requires MATH 2335), 3362, 4305, 4315, 4330, 4340, 4371, 4372, 4375, 4385.

[4.3] Bachelor of Science in Education

The Bachelor of Science in Education degree with a major in mathematics requires the successful completion of 128 hours including (1) the general education component, (2) secondary teacher education requirements, and (3) the major requirements listed below. This degree is designed for candidates seeking a recommendation for teacher licensure.

[4.3.1] Major in Mathematics Education

MATH 1591, 1592, 2335, 2371, 2441, 3320, 3331 or 4372, 3360, 3370, 4301, 4345, 4350, 4360 (Teaching Internship I), 4371, 4680 (Teaching Internship II) 4681(Teaching Internship II) and a minimum of three hours of electives chosen from the following courses: MATH 3331, 3362, 4340, 4362, 4372, 4385. No minor is required. This major also requires the following professional education courses: EDUC 1240 (or pass competency exam) 1300, 3309, 3321, 4210 and MSIT 3310, 4305, 4321, 4325.

[4.3.2] Minor in Mathematics Education (25 hours)

MATH 1591, 1592, 2335, 3360, 3370, 4301, 4345.

This minor does not lead to a recommendation for teacher licensure.

[4.4] Minor in Statistics (18 hours)

Math 2311, 3311, 3320, 4371, 4372, 4373.

[5] Graduate Degrees in Mathematics

See *Graduate Bulletin*.

[6] Courses in Mathematics (MATH)

Follow this link for MATH course descriptions: course link.

[7] Transitional Courses (UNIV)

See University College Courses for UNIV 1330 BEGINNING ALGEBRA and UNIV 1340 INTERMEDIATE ALGEBRA.

Department of Physics and Astronomy

Chair and Associate Professor: Dr. Frederickson, 450-5900
Professor: Dr. Addison, Dr. Mehta
Associate Professors: Dr. Austin, Dr. Burris, Dr. Gaiser, Dr. Slaton
Assistant Professors: Dr. Mason, Dr. Menon, Dr. Walker
Lecturer: Ms. Austin

[1] Purposes

Curricula offered by the Department of Physics and Astronomy serve two main purposes: first, to contribute to the knowledge and awareness of non-science students in order to prepare them to appreciate and understand the nature of the physical world and how science operates to achieve comprehension of the physical world; second, to prepare science students for graduate study or the workplace. A range of courses designed for the physics major are offered to establish a broad and secure foundation in any of several disciplines in the field.

[2] The Honors Program in Physics

Junior and senior students with appropriate grade point averages and having the consent of the department may be allowed to participate in a program that, when successfully completed, will allow them to graduate with honors in physics. This program will consist of not less than two semesters of research in physic or astronomy and the writing and oral defense of an honors thesis.

[3] Bachelor of Science

[3.1] Major in Physics

A physics degree is an excellent preparation for much more than a career in physics. The technical expertise and cognitive skills acquired in earning a physics degree are valuable in many endeavors.

The BS in physics makes the advantages of a physics degree available to a wide range of students. The program allows the student to choose one of a number tracks to fit his or her interests and goals. The tracks are physics, biological physics, chemical physics, mathematical physics, physical science, and applied physics.

A BS degree with a major in physics requires the successful completion of 120 hours including, (1) general education requirements, (2) degree requirements, (3 major requirements listed below, and (4) a minor, if required, to be worked out with the student's minor advisor.

[3.1.1] Core Requirements (28 hours)

All tracks of the BS in physics program require completion of a 28-hour core, consisting of 15 hours of physics and 13 hours of mathematics.

Core physics courses:

PHYS 1441 University Physics 1*
PHYS 1442 University Physics 2*
PHYS 2443 University Physics 3*
PHYS 3110 Junior Laboratory 1
PHYS 3120 Junior Laboratory 2
PHYS 4110 Senior Laboratory

*For the biological physics and physical science tracks, the University Physics course sequence may be replaced by the College Physics course sequence:

PHYS 1410 College Physics 1
PHYS 1420 College Physics 2
PHYS 2430 College Physics 3

Core mathematics courses:

MATH 1591 Calculus I
MATH 1592 Calculus II
MATH 2371 Calculus III

Department faculty offer a variety of student research projects in many areas of physics. All physics majors are encouraged to participate in research, for which

[3.1.2] Physics Track (65 hours)

This is the standard physics track, offering excellent preparation both for those planning a physics- or astronomy-related career, including graduate school, an for those desiring a physics degree for entry into other fields, such as engineering. The program is flexible and can be tailored to the needs and interests of th individual student by using electives, of which at least 13 hours are required. The student's advisor will work closely with the student to achieve the optimal curriculum for the student.

This track requires a minor. The requirements for a mathematics minor are met by the mathematics courses required by the core and the track.

Another possibility is a double major in physics and mathematics, in which the student fulfills the separate major requirements of physics and mathematics. In that case the requirement of a minor is waived.

In addition to the core, the following courses are required:

Physics courses:

PHYS 3341 Mathematical Methods in Physics
PHYS 3342 (or ENGR 3342) Mechanics
PHYS 3343 (or ENGR 3343) Thermal Physics
PHYS 3353 Quantum Theory 1
PHYS 3360 (or ENGR 3360) Electromagnetism 1
PHYS 3361 (or ENGR 3361) Electromagnetism 2

Electives (13 hours minimum) approved by the Department of Physics and Astronomy. These may include up to 3 hours of special problems.

Mathematics courses:

MATH 3320 Linear Algebra
MATH 3331 Differential Equations

Physics hours required: 46

Mathematics hours required: 19

TOTAL: 65

[3.1.3] Biological Physics Track (72 hours)

The biological physics track offers a physics-based curriculum for students planning to enter medical school. It also serves as an excellent entry into medical physics and health-related fields, including graduate study. Note: It appears that one of the best predictors for acceptance into medical school is a physics degree. This track does not require a minor.

For the courses required in addition to the core and for a suggested sequence of physics, mathematics, biology, and chemistry courses, please contact the department chair or consult the program completion plan for the track.

Physics hours required: 24
Mathematics hours required: 16
Biology hours required: 16
Chemistry hours required: 16
TOTAL: 72

[3.1.4] Chemical Physics Track (81 hours)

The chemical physics track provides an excellent preparation for entering the chemistry-oriented industrial work force or for continued study in engineering or graduate school.

This track does not require a minor. However the chemistry courses required by the track are more than sufficient for a minor in chemistry, and the requirements for a mathematics minor are met by the mathematics courses required by the core and the track.

For the courses required in addition to the core and for a suggested sequence of physics, mathematics, and chemistry courses, contact the department chair or or consult the program completion plan for the track .

Physics hours required: 33
Mathematics hours required: 19
Chemistry hours required: 29
TOTAL: 81

[3.1.5] Mathematical Physics Track (79 hours)

The mathematical physics track is intended for those students who are particularly interested and strongly motivated both in physics and in mathematics. It offers an excellent preparation for graduate study in theoretical physics, mathematical physics, computational physics, applied mathematics and engineering. Th track does not require a minor.

For the courses required in addition to the core and for a suggested sequence of physics and mathematics courses, please contact the department chair or consult the program completion plan for the track .

Physics hours required: 42
Mathematics hours required: 37
TOTAL :79

[3.1.6] Physical Science Track (58 hours)

The physical science track is intended for those students who are interested in physical science, do not intend to specialize in either physics or chemistry, and prefer a less demanding curriculum than that of the chemical physics track. The program is very flexible and can be tailored to the particular needs and interes of the individual student by using electives, of which at least 18 hours are required–nine in physics and nine in chemistry. The student's advisor will work close with the student to achieve the optimal curriculum for the student. This track requires a minor.

For the courses required in addition to the core and for a suggested sequence of physics and chemistry courses, please contact the department chair or consult the program completion plan for the track.

Physics hours required: 24
Mathematics hours required: 13
Chemistry hours required: 21
TOTAL: 58

[3.1.7] Applied Physics Track (79 hours)

The applied physics track is designed for the student whose interests lie in the application of the knowledge and methods of physics in industrial and practical situations. It offers excellent preparation both for immediate entry into the industrial work force and for engineering school. The program is unique among the tracks in that it contains an internship option, whereby the student obtains real-world experience that is integrated into his/her studies. Alternatively, the student might work on an application-oriented research project. The program also requires business courses to provide the student background for the busine environment. The student's advisor will work closely with the student to achieve an optimal integration of studies and practical experience. This track does not require a minor.

For the courses required in addition to the core and for a suggested sequence of courses, please contact the department chair or consult the program completion plan for the track .

Physics hours required: 27
Mathematics hours required: 28
Chemistry hours required: 12
Computer science hours required: 3
Business hours required: 3
Internship/research hours required: 6

TOTAL: 79

[3.2] Minor in Physics (24 hours)

Physics course requirements:

PHYS 1441 University Physics 1*
PHYS 1442 University Physics 2*
PHYS 2443 University Physics 3*
PHYS 3110 or 3120 Junior Laboratory

PHYS 3342 (or ENGR 3342) Mechanics

Electives (minimum 8 hours) approved by the Department of Physics and Astronomy. These may include up to 3 hours of special problems.

* The University Physics course sequence may be replaced by the College Physics Course sequence:

PHYS 1410 College Physics 1
PHYS 1420 College Physics 2
PHYS 2430 College Physics 3

Related requirements:

MATH 1591 Calculus I
MATH 1592 Calculus II
MATH 2371 Calculus III

[3.3] Major in General Science

See the General Science page (Interdisciplinary Programs)

[3.4] Minor in Physical Science (24 hours)

CHEM 1450 and 1451 and either 2401 or 3520; PHYS 1410 and 1420 (or PHYS 1441 and 1442), and either 2411 or 2430 (or 2443); MATH 1390 and 1392, or 1580, or equivalent. Note: three upper division hours in physics or chemistry are required to meet the general requirement for a minor.

[4] Bachelor of Science in Education, Secondary Science Education

A student who plans to teach physics at the secondary level in Arkansas will seek licensure in physical science/earth science. The appropriate program of study is the Physical Science/Earth Science concentration leading to the Bachelor of Science in Education. See the Science Education Program for details.

[5] Courses In Physics (PHYS)

Follow this link for PHYS course descriptions: course link.

[6] Courses for Department Majors (PHYS)

Follow this link for PHYS – Courses for Departmental Majors course descriptions: course link.

Science Education Program

Undergraduate Bulletin
Document Number 3.06.07

Advisors:

Life Sciences/Earth Science Track: Mr. Mimms, 450-3677; Dr. Bland, 450-5967
Physical Science/Earth Science Track: Dr. Frederickson, 450-5900; Dr. Mauldin, 450-3152

[1] Introduction

In addition to teaching fundamental and applied courses in biology, chemistry and physics, the College of Natural Sciences and Mathematics (CNSM) contributes to the University's science education programs by providing science education courses that are part of the early childhood and middle level education curricula administered by the College of Education. CNSM also offers the Bachelor of Science in Education (BSE) degree, which prepares students to teach science or mathematics at the secondary level. Students interested in the early childhood and middle level education programs should contact the College of Education (450-3175) for further information. Students interested in Mathematics Education should contact the Department of Mathematics (450-3147).

[2] Bachelor of Science in Education

For the Bachelor of Science in Education program in secondary science, students complete a series of science courses in one of the licensure areas, the professional education sequence of courses for the secondary level, and General Education requirements. The science education advisors associated with the different licensure areas should be contacted for further information about program details.

[2.1] Life Sciences/Earth Sciences Track

This major prepares students for licensure in Life Science/Earth Science, and requires completion of a minimum of 133 hours. No minor is required.

Minimum requirements: BIOL 1440, 1441, 2490, 3403, 4415, 4401 or 4402, 4404 or 4470; CHEM 1450, 1451, 2401; PHYS 1401, 1410, 1420; MATH (Option A): 1580 and 2311; (Option B): 1390 and 2311; SCI 3410, 4400, 4190, 4680, 4681. GEOG 1305 is also required and can be used to satisfy the Behavioral and Social Sciences component of the required General Education program.

[2.2] Physical Sciences/Earth Sciences Track

This major prepares students for licensure in Physical Science/Earth Science, and requires completion of a minimum of 133 hours. No minor is required.

Minimum requirements: BIOL 1440; PHYS 1401, 1441, 1442, 2443, 3110, 3120, 4110, 4360, and 3342 or 3343; CHEM 1450, 1451, 2401, and 3411 or 3520; MATH 1591, 1592, 2371; SCI 3410, 4400, 4190, 4680, 4681. GEOG 1305 is also required and can be used to satisfy the Behavioral and Social Sciences component of the required General Education program.

[3] Courses in Science Education (SCI)

Follow this link for SCI course descriptions: course link.

African and African American Studies

Dr. Maurice Lee, Dean, College of Liberal Arts, Irby 120, 450-5137
Dr. Kenneth Barnes, Chair, Department of History, Irby 105, 450-5631
Dr. Matt Harper, Coordinator, African/African-American Studies, Irby 104, 450-5625
Professors: Dr. Bailey (World Languages, Literatures and Cultures), Dr. Lamar (Music), Dr. Lee (English/Dean), Dr. Shumaker (English)
Associate Professors: Dr. Burley (Writing), Dr. George (Sociology), Dr. Lavender (English), Dr. Morales, (Art)
Assistant Professors: Dr. Alston-Miller (Communications), Dr. Duncan (Philosophy and Religion), Dr. Harper (History), Dr. Leavell (English), Dr. Matkin-Rawn (History), Dr. Thornes (Writing), Dr. Toudji (History)
Instructors: Dr. Jeffcoat (Philosophy and Religion)

[1] Purpose

The African and African American Studies program aims to nurture in students an understanding of the diversity that makes for human culture, an understanding that will foster respect for difference. This program is housed in the History Department and is comprised of courses taught across the UCA campus in art, communications, history, literature, music, philosophy and religion, political science, sociology, world languages, and writing. Thus, it gives students an interdisciplinary understanding of the history and cultures of Africa, the effects of colonialism and slavery on those cultures and on the United State and Caribbean nations, including the contributions of Africans to the culture of America. Giving students the ability to look at an issue from the perspectives of different disciplines is, of course, one of the most important goals of a liberal arts education, and this program accomplishes that goal while enabling students to deal with some of the questions that are most central to our development as a nation and culture. It will prepare students to work successfully in fields that require an understanding of diversity and an ability to relate to people from different cultures, two increasingly important qualifications in today's world, and qualities that are especially needed in Arkansas.

[2] Bachelor of Arts

The degree of Bachelor of Arts, with a major in African/African American Studies, requires successful completion of at least 120 hours, including (1) the genera education component, (2) degree requirements, (3) major requirements, and (4) a minor.

[2.1] Major in African/African American Studies (36 hours)

Thirty-six hours of interdisciplinary courses of which 21 must be in required English and history core courses. Required: AFAM 1330; ENGL 4380, 4381, 4382; HIST 3353, 3354, 4388. Two of three courses required from PHIL 2360, 3340; WRTG 4325. Three electives chosen from the following: WLAN 2325 Issues of Cultural Identity in Francophone Africa and the Caribbean, any upper-division course listed above that is not used to satisfy another requirement, ENGL 4304 Studies in English and American Literature: The Harlem Renaissance, HIST 4359, MUS 4301, RELG 3345, SOC 3310, SOC 4351, ART 3307.

[2.2] Minor in African/African American Studies (21 hours)

Twenty-one hours of interdisciplinary courses, of which 15 must be in English and history core courses. Required: AFAM 1330. Two of three courses from ENG 4380, 4381, 4382. Two of three courses from PHIL 2360, 3340; WRTG 4325. One of four courses from HIST 3353, 3354, 4388, 4359. Three hour elective chosen from the following: ART 3307, ENGL 4304, 4362, 4380, 4381, 4382, HIST 3353, 3354, 4355, 4388, 4391 (Special Topics in African/African-American Studies), HIST 4359, MUS 4301, PHIL 2360, 3340, RELG 3345, SOC 3310, 4351, WLAN 2315 (Africa), 2325 (Issues of Cultural Identify in Francophone Africa an the Caribbean), WLAN 4325.

[3] Course Descriptions

Follow this link for AFAM course description: course link

Follow this link for ENGL course descriptions: course link

Follow this link for HIST course descriptions: course link

Follow this link for MUS course descriptions: course link

Follow this link for PHIL course descriptions. course link

Follow this link for RELG course descriptions: course link

Follow this link for SOC course descriptions: course link

Follow this link for WLAN course descriptions: course link

Follow this link for WRTG course descriptions: course link

Asian Studies

Coordinator and Assistant Professor: Dr. David Neilson, 450-5616

[1] Purpose

The objective of the Asian studies minor is to provide students with an overview of the great civilizations of India, China, Korea and Japan (among others), and appreciation of their place in the modern global community. The minor is especially recommended to students interested in exploring Asian ethical systems and aesthetics, or for those planning a career in international business, law or communications.

[2] Requirements

The minor in Asian studies requires successful completion of the requirements listed below for a total of 18 required hours.

Choose three courses from the following. A total of 9 Core Requirement hours are required:

ART 2325	Asian Art Survey
ENGL 2320	Asian Literature in Global Context
HIST 3303	Asian Civilization I
HIST 3304	Asian Civilization II
PHIL 3352	Asian Philosophy and Religion
RELG 3325	Buddhism

Choose three courses from the following. A total of 9 Elective hours are required. You may also choose from among the courses offered above under "Core Requirements" providing that you have not applied that course toward "Core Requirements".

ENGL3325	Advanced Readings in World Literature (when on an Asia related topic)
CHIN 2310	Intermediate Chinese I
CHIN 2320	Intermediate Chinese II
CHIN 3300	Advanced Chinese Grammar I
CHIN 3303	Advanced Chinese Grammar II
CHIN 3312	Culture and Society: Advanced Readings on Modern Chinese
CHIN 3320	Advanced Readings in Chinese Literature
GEOG 3345	Geography of China and East Asia
GEOG 3346	Geography of South Asia
HIST 3303	Asian Civilization I
HIST 3304	Asian Civilization II
HIST 4381	Modern China
HIST 4383	Modern Japan
HIST 4386	War in the Pacific, 1931-1945
JAPN 2310	Japanese Conversation and Composition I
SOC 4395	Family and Social Relationships in China
WLAN 2315	Cultural Studies (when Asian theme is offered)

Topics courses in any Asia-related course that are deemed appropriate by the Coordinator of Asian Studies may be approved. Check with the Coordinator to se if this applies in your case *before* enrolling.

Environmental Science

Environmental Science is an interdisciplinary program in which students follow one of the three tracks listed below. Contact the faculty advisors for further information.

Program Coordinator and Biology Track Advisor: Dr. G. Adams, (501) 450-3199
Chemistry Track Advisor: Dr. Perry, (501) 450-5937
Planning and Administration Track Advisor: Dr. Conyers, (501) 852-2640

[1] Purposes

The interdisciplinary Environmental Science Program at UCA is designed to provide students the opportunity to assess the complexity of environmental problem and find solutions to these problems within the context of the natural (biological, chemical, and physical) and social (politics, economics) sciences. This program prepares students for careers in federal and state government agencies, such as the U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, U.S. Geological Survey, State Game and Fish Commission, and State Department of Environmental Quality. Graduates of UCA's environmental science program are als competitive for positions in private industry (consulting, corporate environmental compliance, laboratory technicians) and postgraduate academic programs (MS PhD, or law school).

[2] Baccalaureate Degree: Bachelor of Science

The bachelor of science degree, with a major in Environmental Science, requires successful completion of a minimum of 120 hours, including (1) the general education component, (2) BS degree requirements, and (3) the major requirements listed below. A minor is not required.

[2.1] Common Core for All Environmental Science Majors (33 hours)

BIOL 1440 Principles of Biology I
BIOL 1441 Principles of Biology II
BIOL 3403 General Ecology
CHEM 1450 College Chemistry I
CHEM 1451 College Chemistry II
GEOG 1315 Introduction to Physical Geography or SCI 3410 Earth Science
One statistics course chosen from MATH 2311, PSCI 2312, PSYC 2330, GEOG 2330, or SOC 2321
GEOG 3301 Conservation of Natural Resources
ENVR 3410 Environmental Theory and Application
ECON 3330 Environmental Economics
PSCI 3320 Environmental Policy and Regulation
ENVR 4410 Environmental Practicum

[2.2] Biology Track (50 hours)

The biology track emphasizes ecology, conservation biology and environmental toxicology. Students are instructed in biological specialties that will provide ther with a basis for assessing the impact of human activities on ecosystems and organisms. The biology track requires additional chemistry because of the importance of understanding the effect of chemical pollution on living systems.

Biology Track Requirements (19 hours)

BIOL 2490 Genetics
BIOL 3403 General Ecology
CHEM 2401 Organic Chemistry I
MATH 1491 Applied Calculus for the Life Sciences or MATH 1591 Calculus I
Choose one of the following statistics course: MATH 2311, PSCI 2312 , PSYC 2330, SOC 2321

Choose two of the following taxonomic courses (8 hours)

NOTE: They cannot be from the same taxonomic grouping (vertebrate, invertebrate, plant)

BIOL 3410 Vertebrate Zoology
BIOL 4401 Invertebrate Zoology
BIOL 4404 Plant Taxonomy

BIOL 4406 Mammalogy
BIOL 4407 Ornithology
BIOL 4410 Biology of Lower Plants and Fungi
BIOL 4418 Biology of the Reptilia
BIOL 4440 Entomology
BIOL 4455 Ichthyology
BIOL 4461 Parasitology

Choose two of the following theory courses (8 hours)

BIOL 3390 Economic Botany and Lab
BIOL 4415 Evolution
BIOL 4428 Animal Physiological Ecology
BIOL 4435 Animal Behavior
BIOL 4442 Restoration Ecology
BIOL 4445 Biometry
BIOL 4450 Plant Ecophysiology
BIOL 4470 Biology of Seed Plants
ENVR 4465 Environmental Toxicology

Biology Track Electives (15 hours)

ANTH 3340 Environmental Anthropology
BIOL 3X45 Internship
BIOL 3360 Introduction to Marine Biology
BIOL 3420 General Microbiology
BIOL 4450 Plant Ecophysiology
CHEM 3520 Quantitative Analysis
CHEM 4451 Environmental Chemistry
GEOG 2375 Cartography
GEOG 3303 Geographic Information Systems
GEOG 3306 Remote Sensing & Image Interpretation
GEOG 3309 GIS in Practice: Environmental Applications
GEOG 3318 Biogeography
GEOG 3385 Global Food Resources
GEOG 4304 Water Resources
GEOG 4305 Soils
GEOG 4308 Oceanography
GEOG 4330 Geographic Information Analysis
HIST 4301 American Environmental History

[2.3] Chemistry Track (51 hours)

The emphasis of the chemistry track is to give students an appreciation for the critical balance of natural chemical phenomena and the perturbations induced b pollution. The environmental science core courses provide the chemistry track student a context in which environmental chemistry work is conducted and aid in understanding the importance of the chemical and biological data on which policy decisions are based.

Chemistry Track Requirements (41 hours)

CHEM 2401 Organic Chemistry I
CHEM 3411 Organic Chemistry II
CHEM 3520 Quantitative Analysis
CHEM 4351 Environmental Chemistry
CHEM 4152 Environmental Chemistry Laboratory
CHEM 3211 Organic Spectroscopy
CHEM 4451 Advanced Analytical
PHYS 1410 College Physics 1 or University Physics 1
PHYS 1420 College Physics 2 or PHYS 1442 University Physics 2

MATH 1591 Calculus I
MATH 1592 Calculus II

Chemistry Track Electives (10 hours from the following)

CHEM 3360 Intermediate Inorganic Chemistry
CHEM 4320 Biochemistry I
CHEM 4335 Biochemistry II
CHEM 4450 Physical Chemistry I
CHEM 4460 Physical Chemistry II
CHEM 3211 Organic Spectroscopy
CHEM 4380 Advanced Inorganic
CHEM 3150 Advanced Inorganic Lab
BIOL 3403 General Ecology (recommended)
ENVR 4465 Environmental Toxicology
GEOG 3301 Conservation of Natural Resources
GEOG 4304 Water Resources
GEOG 4305 Soils
ECON 3330 Environmental Economics

A maximum of 2 credit hours of research in physics, chemistry, mathematics, biology, or computer science.

8 credit hours applied to a minor in mathematics, biology, physics, or geography

[2.4] Planning and Administration Track (48 hours)

The Planning and Administration track is intended to bridge the gap between scientists gathering environmental data and administrators who formulate and implement programs and policies. This track will train students to work with numerous experts from diverse fields, to synthesize various and often conflicting perspectives, and to arrive at viable and practical solutions. Students will also learn to communicate scientific research to audiences as diverse as government agencies, citizen committees, corporate decision-makers, and the general public.

Employment for graduates may be found in both public and private agencies with environmental concerns. An especially effective and marketable skill develope in this track is the use of Geographic Information Systems (GIS), which allows scientists and planners to map, analyze, and even predict environmental data based on location.

The Planning and Administration track requires the completion of the Environmental Sciences core curriculum (33 hours), plus the following (28 hours

MIS 2343 Desktop Decision Support Strategies
GEOG 2375 Cartography
GEOG 3303 Introduction to Geographic Information Systems
GEOG 3325 Urban and Regional Planning or PSCI 4351 Community and Regional Planning
PSCI 3360 Public Administration
H ED 4393 Environmental Health Problems
WRTG 3310 Technical Writing
BIOL 3403 General Ecology
Choose one of the following statistics course: GEOG 2330, MATH 2311, PSCI 2312, PSYC 2330, SOC 2321

Planning and Administration Track Electives (20 hours)

Any of the courses in the Biology or Chemistry emphasis areas and most math or physics courses with consent of program director

SOC 3340 Urban Sociology
SOC 4301 Social Movements and Social Change
SOC 4321 Social Policy Analysis
SOC 4341 Population
PSCI 2340 State and Local Government
PSCI 3350 Interest Groups and Money in Politics
PSCI 3365 Intergovernmental Relations
PSCI 3372 Political Behavior
PSCI 4336 City Governments and Politics

PSCI 4351 Community and Regional Planning
PSCI 4391 Government Budgeting
PSCI 4199/4299/439/4499 Studies in Political Science
GEOG 3325 Urban and Regional Planning
GEOG 3306 Remote Sensing and Image Interpretation
GEOG 3333 Geography of Natural Hazards
GEOG 3351 Weather and Climate
GEOG 3361 Landforms
GEOG 3371 Urban Geography
GEOG 4303 Water Resources
GEOG 4305 Soils
GEOG 4308 Oceanography
GEOG 4313 Recreation and Tourism
GEOG 4330 Geographic Information Analysis
GEOG 4160/4260/4360 Special Problems in Geography
MIS 3321 Managing Systems and Technology
MIS 3322 Introduction to Minicomputers
MIS 3328 Systems Analysis and Design
MIS 4350 Information Systems Technology
ECON 3330 Environmental Economics

[3] Courses in Environmental Science (ENVR)

Follow this link for ENVR course descriptions: course link.

Gender Studies

Acting Director and Assistant Professor: Dr. Rifat Akhter
Department of Sociology
Office: 306B Irby Hall
Phone: 450-5640
E-mail: RifatA@uca.edu

[1] Purpose

The gender studies minor allows students to examine such issues as the biological and social bases of gender, changes in conceptions of gender over time, and the impact of gender on both society and individual lives. It is designed to enrich understanding of gender issues for both men and women through a cross-disciplinary perspective. Students will critically examine a broad range of gender categories to investigate topics in sexuality, social life, politics and culture, the world of work, literature, the arts, philosophy and religion. The minor encourages in students a spirit of inquiry that will prepare them to function effectively an as integrated human beings in a diverse and rapidly evolving society in which gender differences play an increasingly important part. It is recommended for all students pursuing careers in education, journalism, business, public affairs, the arts, the humanities and the social sciences.

[2] Requirements

Eighteen hours of course work are required, chosen from the following; at least one course must be taken from each area.

Area 1, Biological Perspectives (minimum of 3 hours):

BIOL 2405 Human Anatomy and Physiology (prerequisite BIOL 1400 or BIOL 1440)
H ED 3305 Human Sexuality
H ED 4395 Contemporary Health Concerns - Women
H ED 4396 Contemporary Health Concerns - Men

Area 2, Humanities (minimum of 3 hours):

ART 3365 Women in Art
ENGL 3315 Gender and Language
ENGL 3325 Advanced Readings in World Literature (gender topic)
ENGL 4304 Studies in English and American Literature (gender topic)
HIST 4308 American Women's History
HIST 4309 Women in European History
PHIL 2360 Gender, Race, and Class: Philosophical Issues
PHIL 3343 Philosophy of Sex and Love
PHIL 3345 Feminist Philosophy
RELG 3330 Religion and Gender

Area 3, Social and Behavioral Perspectives (minimum of 3 hours):

ECON 4380 Seminar in Economics (gender topic)
PSYC 2370 Developmental Psychology (prerequisite: PSYC 1300)
PSYC 3350 Psychology of Women (prerequisite: 6 hours of psychology)
SOC 3350 Marriages and Family or SOC 4351 Family Diversity (prerequisite: SOC 1300)
SOC 3361 Gender Roles (prerequisite SOC 1300)
SOC 4342 Stratification (prerequisite SOC 1300)
SPCH 3303 Gender Communication
SPCH 3307 Interpersonal Communication

General Science

Undergraduate Bulletin
Document Number 3.07.05

Advisor: Dr. Menon, 450-5900

[1] Purpose

The general science program is designed for students planning to enter interdisciplinary fields; to enter medicine, public health, dentistry, veterinary medicine, optometry, or other allied health fields; or to undertake other programs requiring a general scientific background. Students who intend to do graduate work in specific scientific field are advised to major in that field.

[2] Baccalaureate Degree: Bachelor of Science

The bachelor of science degree, with a major in General Science, requires successful completion of a minimum of 124 hours, including (1) the general education component, (2) BS degree requirements, (3) major requirements listed below, and (4) a minor approved by the student's minor advisor (the following minors ma not be used with the general science major: biology, chemistry, physics, physical science).

[2.1] Major in General Science (48 hours)

BIOL 1440, 1441, and 2490; CHEM 1450 and 1451, and either 2401 or 3520; PHYS 1410 and 1420 (or 1441 and 1442), and either 2411 or 2430* (or 2443)*; and Option A or B*.

Option A: 4 hours of biology electives at the 3000-level or higher, 4 hours of chemistry electives at the 3000-level or higher, and an additional 4 hours of eith biology or chemistry electives at the 3000-level or higher. (BIOL 4340, CHEM 4112, CHEM 4290, and CHEM 4301 are excluded.) Completion of MATH 1491 or MATH 1591.

Option B*: 4 hours of chemistry electives at the 3000-level or higher, 4 hours of physics electives at the 3000-level or higher, and an additional 4 hours of either chemistry or physics electives at the 3000-level or higher. (CHEM 4112, CHEM 4290, CHEM 4301, and PHYS 4360 are excluded.) Completion of MATH 1591 and MATH 1592.

* Students selecting Option B must complete PHYS 2430 or PHYS 2443.

Latin American Studies

Coordinator and Associate Professor: Dr. Jaime Zambrano, 450-5647, World Languages, Literatures and Cultures

[1] Purpose

Latin American Studies is an interdisciplinary program designed to provide students with a broad understanding of the unique culture, history, geography, politics, economies, and physical environment of South and Central America and the Caribbean. This region has some of the fastest growing economies in the world and is a major trading partner of the U.S. With inter-hemispheric connections such as NAFTA and CAFTA-DR increasing our ties to this region, a better understanding and appreciation of our Southern neighbors is essential. Hispanics will soon become the largest ethnic minority within the U.S. and represent a rapidly growing part of our national economy and culture. Regardless of one's major, a minor in Latin American Studies will allow the student to better understand and work with this dynamic region and the various cultures of its people.

The objective of the Latin American Studies minor are:

- To provide students with a sound humanities education as well as assist in developing reading, writing, and critical thinking skills;
- To promote cultural understanding, appreciate the differences and similarities between the various peoples of our hemisphere, and through doing so, gaining a better understanding of American culture;
- To provide students with the necessary knowledge, experiences, and language skills to pursue independent study, field work, or employment opportunities anywhere in Latin America or the Caribbean; and
- To better understand Hispanic culture and values within evolving American society.

[2] Requirements

The Latin American Studies Minor consists of 18 hours. Students MUST take the FOUR required courses, and choose TWO more elective courses.

Required Core Courses (12 hours):

GEOG 3315 Geography of Latin America
PSCI 4325 Mexican Politics and US-Mexican Relations
HIST 3315 From Columbus to Castro: Introduction to Latin American History

CAPSTONE SEMINAR (offered on a rotational basis):

GEOG 4360 Special Problems in Geography, OR
PSCI 4399 Studies in Political Science, OR
HIST 4391 Topics in History

Elective Courses (choose two):

HIST 4305 Latin America Through History, Film, and Literature
HIST 4391 Topics in History (when Latin American topic offered)
HIST 4328 Modern Latin America: the 20th Century
HIST 4353 Inter-American Relations
PSCI 4399 Studies in Political Science (when Latin American topic offered)
GEOG 4360 Special Problems in Geography (when Latin American topic offered)
SOC 3398 Travel Seminar and/or ANTH 3360 Anthropology Travel Seminar
WLAN 2315 Cultural Traditions (when Latin American topic offered)
SPAN 3315 - Topics in Hispanic Studies
SPAN 2320 Spanish Conversation and Composition II
SPAN 2330 Business Spanish
SPAN 3313 Latin-American Civilization
SPAN 3321 Hispanic Literature II
SPAN 3398 Travel Seminar in Mexico, OR HIST 3398 Travel Seminar in Mexico, OR SOC 3398 Travel Seminar in Mexico
SPAN 4395 Advanced Hispanic Literature (when Latin American topic offered)
SPAN 4396 Studies in Hispanic Civilization (when Latin American topic offered)

LANGUAGE REQUIREMENT: Three (3) semester hours of Spanish at the 2000-level or above. Please contact the Coordinator for specific course prerequisites

For more information contact Dr. Jaime Zambrano (World Languages, Literatures and Cultures), Irby 207E, 450-5647.

Religious Studies

Director and Associate Professor: Dr. Crockett (Philosophy and Religion), 450-5506
Professors: Dr. Barnes (History), Dr. Frontain (English), Dr. Harvey (Philosophy and Religion), Dr. Mehl (Philosophy and Religion), Dr. Shepherd (Sociology)
Associate Professors: Dr. Deitrick (Philosophy and Religion), Dr. Castro (History)
Assistant Professors: Dr. Campbell (Sociology), Dr. Craun (History), Dr. Duncan (Philosoply and Religion), Dr. Held (Philosophy and Religion), Dr. Morales (Art)
Lecturers: Dr. Hall (Sociology), Dr. Novy (Philosophy and Religion), Mr. Spivey (Philosophy and Religion)
Instructor: Mr. Brasovan (Philosophy and Religion)
Adjunct Professor: Dr. Winden Fey (Philosophy and Religion and Division of Enrollment Management)
Adjunct Instructor: Dr. Saafir (Philosophy and Religion)

[1] Purposes

The goal of the interdisciplinary religious studies program is to educate the undergraduate student with an understanding of the methods and subject matter of the study of religion. Generally, the program will serve the interests of liberal education by developing in the student the skills of careful and critical reading, writing, thinking, and speaking. More specifically, the program will provide a comprehensive and clear exposure to the variety of religious expression world-wide, a critical understanding of personal, social, and cultural dimensions of religion, and a thorough preparation for students who intend to pursue graduate o professional study.

A student who majors in religious studies will have a general knowledge of the beliefs and practices of the major world religions and an in-depth knowledge of at least one major religious tradition, will be skilled in the critical analysis of religion as a cultural phenomenon and in the ability to draw connections among different historical and cultural contexts of religion, will have a general knowledge of two different methodological approaches to the study of religion and an i depth knowledge of at least one of these approaches, and will be well-prepared for graduate or professional study.

[2] Baccalaureate Degree: Bachelor of Arts

The degree of Bachelor of Arts, with a major in religious studies, requires successful completion of 120 hours, including (1) the general education component, (degree requirements, (3) major requirements listed below, and (4) a minor as worked out with the student's minor advisor. Majors and minors are encouraged take RELG 1320 to satisfy their general education requirement in world cultural traditions.

[2.1] Major in Religious Studies (33 hours)

Core requirements (18 hours):

- Theory and Method: RELG 3301
- Asian Religious Traditions--one course from the following: PHIL 3352, RELG 3325, HIST 3303
- Western Religious Traditions--one course from the following: RELG 2300, RELG 3335, HIST 3320, HIST 3321, HIST 4387
- Sacred Art, Ritual, and Literature--one course from the following: RELG 2332, RELG 2333, ART 2325, ENGL 3325 (readings: The Bible as Literature), ENG 4341
- Religion, Culture, and Society--one course from the following: RELG 3315, RELG 3330, RELG 3340, SOC 4300, ANTH 3310, HIST 4302
- Religious Thought--one course from the following: PHIL 3331, PHIL 4340, RELG 3320, RELG 3345, RELG 4320, RELG 4325

Electives (15 hours) chosen from among all religious studies courses: ANTH 3310,3315; ART 2325; ENGL 3325 (The Bible as Literature), 4341; HIST 3303, 3320 3321, 4302, 4387; PHIL 1330, 2300, 3301, 3303, 3331, 3343, 3352, 3370, 4340; RELG 1320 or 1330, 2300, 2332, 2333, 3315, 3320, 3325, 3330, 3335, 3340, 3345, 4320, 4325, 4330; SOC 3315, 4300. Courses taken as core requirements cannot satisfy elective requirements.

[2.2] The Undergraduate Scholars Program in Religious Studies

Students who major in religious studies and who demonstrate exceptional ability may be invited to enter the undergraduate scholars program. This program is designed to prepare the student for graduate work in religious studies. In addition to the courses required for a major in the area, the student must

1. Complete RELG 4300 Religious Studies Honors Tutorial;
2. Maintain a minimum 3.25 GPA overall and a 3.50 GPA in the major;
3. Complete an honors thesis in conjunction with RELG 4300; and
4. Pass an oral examination on the thesis conducted by three faculty members.

[2.3] Minor in Religious Studies (24 hours)

Core requirements (18 hours):

- Theory and Method: RELG 3301
- Asian Religious Traditions--one course from the following: PHIL 3352, RELG 3325, HIST 3303
- Western Religious Traditions, one course from the following: RELG 3335, HIST 3320, HIST 3321
- Sacred Art, Ritual, and Literature--one course from the following: RELG 2332, RELG 2333, ART 2325, ART 3385, ENGL 3325 (readings: The Bible as Literature), ENGL 4341
- Religion, Culture, and Society--one course from the following: RELG 3315, RELG 3330, RELG 3340, SOC 4300
- Religious Thought--one course from the following: PHIL 3331, PHIL 4340, RELG 3320, RELG 3345, RELG 4320, RELG 4325

Electives (6 hours) chosen from among all religious studies courses: ANTH 3310, 3315; ART 2325; ENGL 3325 (The Bible as Literature), 4341; HIST 3320, 3321 3303, 4302, 4387; PHIL 2300, 3301, 3303, 3343, 3331, 3352, 3370, 4340; RELG 1320 or1330, 2300, 2332, 2333, 3315, 3320, 3325, 3330, 3335, 3340, 3345, 4320, 4325, 4330; SOC 3315, 4300. Courses taken as core requirements cannot satisfy elective requirements.

[3] Courses in Religious Studies (RELG)

Follow this link for RELG course descriptions: course link.

[4] Other Courses in the Religious Studies Program (ART, ENGL, HIST, PHIL, SOC)

Follow this link for ART course descriptions: course link.

Follow this link for ENGL course descriptions: course link.

Follow this link for HIST course descriptions: course link.

Follow this link for PHIL course descriptions: course link.

Follow this link for SOC course descriptions: course link.

Southern and Arkansas Studies

Undergraduate Bulletin
Document Number 3.07.08

Coordinator and Assistant Professor: Dr. Matkin-Rawn (History), 450-5630

[1] Purpose

The minor in Southern and Arkansas studies is an interdisciplinary program designed to provide students with a broad understanding of the South's unique history, culture, politics, and economy. Combining course work from English, Geography, History, Political Science, and Sociology, the program will also draw upon the rich resources available locally, including the Old State House Museum, the Ozark Folk Center, and the Faulkner County Museum.

This minor provides students with the background and expertise for a variety of careers in the fields of history, business, journalism, politics, teaching, museum work, and research. Students will study southern issues across a variety of disciplines and will have the opportunity to do independent research and study, internships, or field work.

[2] Requirements

The Southern and Arkansas Studies minor consists of 21 hours.

Students MUST take nine hours from the following courses:

ENGL 4362 Southern Literature and Folklore
HIST 4345 The South to 1865
HIST 4346 The South since 1865
HIST 4355 The Role of Arkansas in the Nation
GEOG 3380 Geography in Arkansas
PSCI 2340 State and Local Government
ANTH 3300 Regional Anthropology (when Ozarks is the topic)

Students must also take nine hours from the remaining core courses above and/or from the following:

ENGL 4380 African and African-American Literature
ENGL 4382 Race in American Literature (when southern writers are the focus)
HIST 3353 African- American History to 1868
HIST 3354 African-American History since 1868
HIST 4330 Civil War and Reconstruction
ANTH 3315 Native American Cultures

Students may substitute appropriate courses from any department for one of the electives listed above.

Students are required to select a capstone course from the following:

Independent study: Research project to be supervised by faculty of student's choice

Internship: Internship approved by coordinator in consultation with the student

Students seeking to continue the minor must meet with the coordinator the semester before finishing the program in order to set up the independent study or internship.

Interdisciplinary Liberal Studies

Director: Peter J. Mehl, Associate Dean, College of Liberal Arts

[1] Purpose

The College of Liberal Arts offers a degree program in Interdisciplinary Liberal Studies. This program requires a foundation of core liberal studies courses and provides an opportunity for students to focus on a specific area of interdisciplinary studies or to design an individualized focus for interdisciplinary study consistent with the principles of liberal education. The program emphasizes the liberal arts as a broad area of human inquiry and the mastery of a specific area of interdisciplinary inquiry. Students who major in Interdisciplinary Liberal Studies will synthesize the insights and methods of several different disciplines, focu on the cultivation of the arts of inquiry, and expand their power to communicate and reason.

[2] Bachelor of Arts

The degree of Bachelor of Arts, with a major in Interdisciplinary Liberal Studies, requires successful completion of at least 120 hours, including (1) the general education component, (2) degree requirements, (3) major requirements, and (4) a minor.

[3] Admission Requirements

Students can apply to pursue a BA in Interdisciplinary Liberal Studies when they have met the requirements for admission, usually in their sophomore year. If students are interested in the Interdisciplinary Liberal Studies upon admission to the university, they should meet with the Interdisciplinary Liberal Studies degr advisor, the associate dean of the College of Liberal Arts. Students seeking to be admitted to the degree program must have completed 30 hours with a 3.0 or higher cumulative grade point average, meet with the Interdisciplinary Liberal Studies degree advisor, the associate dean of the College of Liberal Arts, and prepare an official application for admission to the program. This application outlines the student's proposed course of study and indicates a faculty advisor wh agrees to work with the student. The Interdisciplinary Liberal Studies committee must approve the proposal. If the student designs a course of study with a faculty advisor it must include at least three disciplines and at least two must be in the College of Liberal Arts. Students must maintain a cumulative grade poin average of at least a 3.0 in their course work toward the Interdisciplinary Liberal Studies degree.

[4] Major in Interdisciplinary Studies (48-51 hours)

[4.1.1] Interdisciplinary Liberal Studies Foundation (21 hours)

GEOG 3300, HIST 2320, INDS 3380 (History and Principles of Liberal Arts), PHIL 2310, PSCI 2300 or PSCI 2320. Choose 3 hours from: ENGL 2312, 2313, 2316, 2317, 2318, WLAN 2315, 2325, 2350 (if WLAN course taken as general education then ENGL should be taken); or a 2320 or higher foreign language course. Choose 3 hours from: SOC 2325, 2326, ANTH 2300 or RELG 2300.

[4.1.2] Interdisciplinary Liberal Studies Concentrations (27-30 hours)

Students will work with their faculty advisor to fulfill one of two focuses or concentrations. In the first option a student pursues one of the college's interdisciplinary minors with additional courses as determined by a faculty advisor; these areas currently include Anthropology, Asian Studies, Gender Studies, Latin American Studies or Southern & Arkansas Studies. In the second option a student pursues an interdisciplinary course of study designed in consultation wi a faculty advisor. In this case, the course of study must involve at least three disciplines of study and at least two must be in the College of Liberal Arts. All students must complete a capstone course with their faculty advisor in which they produce a final paper or project that synthesizes their course of study. Students are reminded that graduation requirements include a minimum of forty hours of upper-division courses.

Pre-Cardio-Respiratory Care

Advisor: Dr. Fox (Health Sciences), 450-3194

Students pursuing a career in respiratory therapy should complete general education requirements, plus BIOL 2405, BIOL 2411, 4 hours of chemistry, 4 hours o physics, and 3 hours of basic computer fundamentals/applications at UCA. Students should then contact the respiratory therapy program they plan to attend fo specific information about degree requirements.

Pre-Dental Hygiene

Advisor: Scott Brezee (Health Sciences), 450-3194

[1] The Profession

Dental hygienists perform various oral health procedures on patients, and they educate patients and the public on good oral hygiene. Common clinical services performed are cleaning and polishing teeth, exposing and developing radiographs, applying topical fluoride and sealants, and recording medical and dental histories. In addition to clinical services, the hygienist educates patients on good oral hygiene and nutrition for health promotion and disease prevention.

Dental hygienists are employed in the offices of general or specialty dentists; military, state, or federal health agencies; schools; industry; and sales of dental products.

[2] Requirements

Students pursuing a career in dental hygiene attend UCA for two years to complete general education and pre-clinical requirements and then transfer to a dent hygiene department for two years to complete the professional education. Students should contact the dental hygiene program they plan to attend for specific information about degree requirements.

The following courses should be completed at UCA (65 hours total):

WRTG 1310 and 1320, SPCH 1300, HIST 1310 or 1320, PSCI 1330 or HIST 2301 or HIST 2302, SOC 1300, PSYC 1300, ART 2300 or MUS 2330 or THEA 2300, CHEM 1450, BIOL 1440, and 2411, MATH 1390, CSCI 1300, humanities course (3 hours). Electives (all 3000- or 4000-level courses): 13 hours.

Apply to the dental hygiene clinical program during the spring semester of the sophomore year. The dental hygiene program at UAMS will only start a candidat in its program at the beginning of the fall semester.

Pre-Dentistry

Advisor: Dr. Moran, (501) 450-5927, mikmoran@mac.com

Dental schools are currently admitting applicants with three years of college as well as those who have completed a baccalaureate degree.

UCA will award the bachelor's degree to students admitted after three years of college, and after successful completion of the first year of dental school. These "3 + 1" students must follow a carefully designed curriculum while at UCA, and are urged to receive counseling from the pre-dental advisor before starting the first semester at UCA. "3 + 1" students will major in general science.

Four-year students will be able to choose a major in one of several areas, including biology, and must complete all of the requirements for their chosen major.

The following courses are commonly required by dental schools in Tennessee, Louisiana, Missouri, Oklahoma, and Texas, each of which admits a specified number of students from Arkansas:

General Education - 45 hours

Biology: Principle of Biology I, BIOL 1440; Principles of Biology II, BIOL 1441; Cell Biology, BIOL 3402; and Animal Physiology, BIOL 4460; Histology, BIOL 4400 suggested

Chemistry: CHEM 1450, CHEM 1451, CHEM 2401, CHEM 3411

Physics: PHYS 1410, PHYS 1420

Mathematics: MATH 1390 or MATH 1396.

Approved coursework at UCA must total 96 hours

Pre-Engineering

Undergraduate Bulletin
Document Number 3.08.04

Advisor: Dr. Frederickson, 450-5903

[1] Transfer Agreements

The University of Central Arkansas enjoys transfer agreements with Arkansas State University, the University of Arkansas at Fayetteville, Mississippi State University, Texas A&M University, and the University of Missouri-Columbia. Under each agreement, students satisfactorily completing general education, mathematics, chemistry, and physics courses at UCA that are stipulated by the agreement and specified by the pre-engineering advisor will be able to transfer these courses toward an engineering degree. Students interested in any of these programs should contact the pre-engineering advisor, who will assist the student in laying out a complete plan of study.

[2] Core Curriculum

Students interested in an engineering program other than those above should complete a core curriculum including the following courses:

CHEM 1450 College Chemistry I
CHEM 1451 College Chemistry II
CSCI 1470 Computer Science I
MATH 1591 Calculus I
MATH 1592 Calculus II
MATH 2371 Calculus III
MATH 3331 Differential Equations
PHYS 1441 University Physics 1
PHYS 1442 University Physics 2
PHYS 2443 University Physics 3
FACS 3365 Introduction to CAD

In addition to these courses, a student should complete WRTG 1310, WRTG 1320, and humanities and/or social science electives. Before selecting elective courses, the student should investigate the requirements of the engineering school the student expects to attend after completing work at UCA. Students shou be aware that while courses from the Honors College can substitute for general education courses at UCA, there is no guarantee that these courses will be accepted as meeting these requirements by engineering programs.

[3] 3-2 Dual Degree Program

The University of Central Arkansas also offers a 3-2 program in engineering in cooperation with the University of Arkansas at Fayetteville (UAF). Students enroll in programs offered under this agreement will attend UCA for approximately three years and will attend UAF for approximately two years. After completing the academic requirements of the two cooperating institutions, the student shall be awarded a bachelor's degree in an appropriate scientific discipline from UCA, a one of the designated bachelor's degrees listed below awarded by UAF. Admission into the associated engineering programs is determined by UAF on the basis of student performance in the initial years of the programs at UCA.

The curricula in this dual degree program are subject to modifications reflecting changes to the degree program requirements at both degree granting institutions. Students in this program should work closely with their advisor. No course substitutions should be made without documented approval by the designated program advisor. Minors are not required in these programs. Upper division humanities and social sciences electives are required in these programs In addition to the curricular plans for each engineering degree program, as part of orientation at UAF, all students must take the Advanced English Exemption Exam. Students who do not pass the exemption exam are required to take ENGL 2003 in order to satisfy the degree requirements at UAF.

The programmatic requirements for the three years to be completed at UCA are detailed below. Detailed information about the requirements for completing the programs at the University of Arkansas is available from the UCA Department of Physics and Astronomy.

All tracks require the completion of the general education program and the courses identified below as the 3-2 Core Courses. Some tracks require certain specific general education courses, these courses are listed under the appropriate tracks. Students should consult the pre-engineering advisor to ensure that th selected general education courses meet the requirements of the dual degree program.

3-2 Core Courses

PHYS 1441 University Physics 1
PHYS 1442 University Physics 2
MATH 1591 Calculus I
MATH 1592 Calculus II
CHEM 1450 College Chemistry I

[3.1] Biological Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in General Science at UCA and a Bachelor of Science in Biological Engineering at UAF.

BIOL 1440 Principle of Biology I
BIOL 1442 Principles of Biology II
BIOL 2490 Genetics
BIOL 4420 General Microbiology
CHEM 1451 College Chemistry II
CHEM 2401Organic Chemistry I
CHEM 3411 Organic Chemistry II
MATH 2371 Calculus III
MATH 3331 Differential Equations
PHYS 2443 University Physics 3
PHYS 2311 Statics
PHYS 3342 Mechanics
PHYS 3343 Thermal Physics
Upper Level Humanities/Social Science Electives (6 hours)

[3.2] Chemical Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in Chemistry at UCA and a Bachelor of Science in Chemical Engineering at UAF.

CHEM 1451 College Chemistry II
CHEM 2401 Organic Chemistry I
MATH 2371 Calculus III
CHEM 3411 Organic Chemistry II
CHEM 4450 Physical Chemistry I
CHEM 4460 Physical Chemistry II
MATH 2371 Calculus III
MATH 3331 Differential Equations
PHYS 2443 University Physics 3
PHYS 2311 Statics
ECON 1310 Modern Political Economy
Upper Level Humanities/Social Science Electives (6 hours)

[3.3] Civil Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in Physics (Applied Physics track) at UCA and a Bachelor of Science i Biological Engineering at UAF.

CHEM 1451 College Chemistry II
CSCI 1470 Computer Science I
MATH 2371 Calculus III
MATH 3320 Linear Algebra
MATH 3331 Differential Equations
MATH 4305 Applied Mathematics I

MATH 4306 Applied Mathematics II
PHYS 2443 University Physics 3
PHYS 2311 Statics
PHYS 3341 Mathematical Methods in Physics
PHYS 3342 Mechanics
PHYS 3360 Electromagnetism I
PHYS 3110 Junior Laboratory 1
PHYS 3343 Thermal Physics
PHYS 3120 Junior Laboratory 2
Physics Elective
ECON 2320 Principles of Macroeconomics
Upper Level Humanities/Social Science Electives (6 hours)

[3.4] Computer Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in Computer Science at UCA and a Bachelor of Science in Computer Engineering at UAF.

CSCI 1470 Computer Science I
CSCI 1480 Computer Science II
CSCI 2350 Assembly Language
CSCI 3320 Data Structures
CSCI 3350 File Processing
CSCI 3370 Programming Languages
Computer Science Elective
Computer Science Elective
MATH 2330 Discrete Mathematics
MATH 2371 Calculus III
MATH 3320 Linear Algebra
MATH 3331 Differential Equations
PHYS 1441 University Physics 1
PHYS 1442 University Physics 2
WRTG 3310 Technical Writing
Upper Level Humanities/Social Science Electives (6 hours)

[3.5] Industrial Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in Physics (Applied Physics track) or Mathematics (Applied Mathematics track at UCA and a Bachelor of Science in Industrial Engineering at UAF.

CHEM 1451 College Chemistry II
Computer Science Elective
MATH 2371 Calculus III
MATH 2311 Statistics
MATH 3320 Linear Algebra
MATH 3331 Differential Equations
MATH 2311 Statistics
MATH 4315 Partial differential Equations
PHYS 2443 University Physics 3
PHYS 2311 Statics
PHYS 3360 Electromagnetism 1
PHYS 3110 Junior Laboratory 1
PHYS 3343 Thermal Physics
PHYS 3120 Junior Laboratory 2
ECON 2320 Principles of Macroeconomics

[3.6] Mechanical Engineering

Students successfully completing this program by completing the general education program, the 3-2 core, the courses listed below and the specific requirements of the appropriate engineering degree at UAF, will earn a Bachelor of Science in Physics (Applied Physics track) at UCA and a Bachelor of Science i Mechanical Engineering at UAF.

CHEM 1451 College Chemistry II
CSCI 1470 Computer Science I
MATH 2371 Calculus III
MATH 3320 Linear Algebra
MATH 3331 Differential Equations
MATH 4305 Applied Math I
MATH 4306 Applied Math II
PHYS 2443 University Physics 3
PHYS 2311 Statics
PHYS 3341 Mathematical Methods in Physics
PHYS 3342 Mechanics
PHYS 3360 Electromagnetism I
PHYS 3110 Junior Lab 1
PHYS 3343 Thermal Physics
PHYS 3120 Junior Lab 2
Physics Elective
ECON 2320 Principles of Macroeconomics
Upper Level Humanities/Social Science Electives (6 hours)

Pre-Law

Advisor: Dr. McInnis (Political Science), 450-3412

Law schools, unlike medical schools, do not require any particular degree or course of study for admission. Each applicant is required to have completed only a bachelor's degree and the Law School Admissions Test.

A pre-law student at UCA may choose any field in which to complete a bachelor's degree. Several things should be kept in mind when making this choice. A prospective law student should possess three basic qualities:

1. **Skill in the comprehension and use of language.** Language is the lawyer's working tool. In seeking to convince, in drafting legal instruments and legislation, and in oral and written arguments, a lawyer must have the capacity to communicate with clarity, precision, and persuasiveness. A program of study which requires one to write is, therefore, essential.
2. **Analytical and problem-solving skills.** An important part of the lawyer's work is problem-solving. Creative and analytical thinking requires the development of skills in research, use of facts, deductive and inductive reasoning, critical analysis, and the systematic formulation of principles and concepts.
3. **An understanding of and interest in human institutions and values.** Lawyers are not just engaged in a process like that of a worker changing a tire on a car, rather, they are forces in the operation and shaping of the institutions and values with which humankind is concerned. The work which lawyers do can have a tremendous impact on a human life and even a whole community. A broad background in history, government, philosophy, economics, and th arts is, therefore, quite important.

Each pre-law student at UCA should consult with the pre-law advisor to choose a course of study which best fits the student's needs and desires and offers the best preparation for law school. Students should also consult with the pre-law advisor for assistance in selecting the appropriate law schools to which they should apply.

Pre-Medicine

Undergraduate Bulletin
Document Number 3.08.06

Premedical Advisory Committee: Dr. Manion (Chair; Chemistry), Dr. Gomez-Kramer (Biology), Dr. Martin (Biology), Dr. Rowley (Biology), and Dr. Zehr (Biology)

Most medical schools require a minimum of three years (90 semester hours) of undergraduate college work, but almost all expect that students will complete a four-year program leading to a baccalaureate degree. Although many medical schools do not require specific courses or a specific major, most students who a successful in matriculating in a college of medicine and completing the course of study major in biology or chemistry.

The Medical College Admission Test (MCAT) is required of applicants for admission to most colleges of medicine. Admission to medical school depends greatly on the scores achieved on this test. Areas covered by the exam are verbal reasoning, writing, biological sciences, and physical sciences. Electives should be selected to improve in areas of weakness.

Minimum requirements for admission to the School of Medicine at the University of Arkansas for Medical Sciences (UAMS) are as follows:

- Biology: BIOL 1440 Principles of Biology I, BIOL 1441 Principles of Biology II, BIOL 2490 Genetics. Recommended: BIOL 3402 Cell Biology.
- Chemistry: CHEM 1450 College Chemistry I, CHEM 1451 College Chemistry II; CHEM 2401 Organic Chemistry I, CHEM 3411 Organic Chemistry II. Recommended: CHEM 4320 Biochemistry I.
- Physics: Two semesters: PHYS 1410 College Physics 1, PHYS 1420 College Physics 2.
- Mathematics: Two semesters (MATH 1390 and above).
- English/Writing: Three semesters.
- Humanities: Courses in the humanities are also required, but this requirement is satisfied by completion of the UCA general education program.

UAMS suggests that the following courses, though not required, would be useful: statistics, computer science, calculus, sociology, general psychology, abnorma psychology, and speech and additional advanced courses in biology.

Pre-Optometry

Advisor: Dr. Naylor, (501) 450-5826

Optometry is a profession of specialists who diagnose and correct defects in vision. The Doctor of Optometry degree requires a four-year program of study in a optometry school, preceded by at least 90 hours of college courses. The majority of the required courses are common to most optometry programs. However, some optometry schools require more mathematics than others. A very few schools require only college algebra and trigonometry, but most require analytical geometry, differential calculus, integral calculus, and statistics. Students entering optometry school before having completed a UCA bachelor's degree might be able to complete the requirements for a UCA degree with their optometry school course work provided they have completed 96 credit hours of prescribed cours work at UCA. However, most optometry schools prefer applicants who will have acquired a bachelor's degree before entry. The American Optometric Associatio has organizations in all 50 states and the District of Columbia.

Required courses for most optometry schools would include at least the following courses: BIOL 1440, 1441, 2405, and 2411 or 3420; CHEM 1450, 1451, 240 3411, 4320; PHYS 1410, 1420; English/Writing, 12 credit hours; MATH 1390 plus 1392, or 1580 (most schools require 1591, 2561, 2311); social sciences, 6 credit hours; PSYC 1300.

The course of study at UCA should be adjusted to suit the admissions requirements of the optometry school(s) to which the student plans to apply.

Pre-Pharmacy

Undergraduate Bulletin
Document Number 3.08.08

Advisor: Dr. Krause, 450-5940

[1] Introduction

Depending on the professional institution, the prerequisite course work for pharmacy school ranges from approximately 70 to 90 credit hours. These include basic science and mathematics courses as well as humanities courses. Pre-pharmacy at UCA is a non-degree program.

In Arkansas a four-year professional program is available at the University of Arkansas for Medical Sciences (UAMS) School of Pharmacy in Little Rock and at Harding University in Searcy. The pre-pharmacy program for UAMS is currently a minimum of 69 hours whereas the program for Harding is 90 hours. The successful student will receive a Doctor of Pharmacy (PharmD) degree upon graduation from pharmacy school.

The following courses are those offered at UCA which specifically fulfill the requirements for admission to UAMS. A student seeking admission to Harding also needs BIOL 3402*(1)* (Cell Biology), CHEM 4320 (Biochemistry), eight hours of Anatomy and Physiology (BIOL 2406 and 2407), and MATH 2311 (Statistics). A student who decides on a school other than UAMS or Harding should contact that particular school to find out the pre-professional course requirements.

Pre-Pharmacy requirements do change and, hence, frequent consultation with the advisor is strongly encouraged.

[2] Required Courses*(2)*

Core Courses:

Biology (12 hours): BIOL 1440 Principles Biology I, **and** BIOL 1441 Principles Biology II; BIOL 2411 Microbiology **or** BIOL 3420*(1)* General Microbology.

Chemistry (16 hours): CHEM 1450 **and** 1451 College Chemistry I and II; CHEM 2401 **and** 3411 Organic Chemistry I and II.

Mathematics (4 or 5 hours): MATH 1491 Calculus for the Life Sciences **or** MATH 1591 Calculus I.

Physics (4 hours): PHYS 1410 College Physics 1

Non-Core Courses:

English/Composition (9 hours): WRTG 1310 Introduction to College Writing **and** WRTG 1320 Academic Writing and Research **and** one of the following: WRTG 3300 Creative Writing, WRTG 3310 Technical Writing, ENGL 2305 World Literature I (or higher literature course), or SPCH 1300 Basic Oral Communication.

Economics/Accounting (3 hours): ECON 1310 Modern Political Economy or ECON 2310 Global Environment of Business, ACCT 2310 Principles of Accounting I.

Selectives (minimum of 9 hours, minimum of 3 classes): BIOL 2490 Genetics, BIOL 3402 Cell Biology, BIOL 2405 Human Anatomy & Physiology, BIOL 3411 Pathophysiology, BIOL 3420 General Microbiology*(3)*, CHEM 3520 Quantitative Analysis, CHEM 4320 Biochemistry, MATH 2561 Calculus II, MATH 2311 **or** PHYC 2330 Statistical Methods, PHIL 2305 Critical Thinking **or** PHIL 2310 Introduction to Logic, PHYS 1420 College Physics 2.

Humanities electives to bring total to at least 69 credit hours. ACCEPTABLE: Survey courses in art, music, history, theater, literature, philosophy, religion, foreign language, sign language, psychology, sociology, anthropology, political science, and geography. UNACCEPTABLE: Courses in health, physical education, business, natural science, military science, education, studio courses in art, music, or theater, and computer science.

(1) Requires BIOL 2490 (Genetics)

(2) CORE Courses: no more than 8 hours of CLEP, AP credit, and/or credit by examination; NON-CORE: no more than 12 hours of CLEP, AP credit, or credit by examination

(3) Cannot be used as part of the Biology 12 hours **and** as a Selective

Pre-Veterinary Medicine

Undergraduate Bulletin
Document Number 3.08.09

Advisor: Dr. Hill, (501) 450-5925, bhill@uca.edu

The state of Arkansas does not have a school of veterinary medicine, but any student interested in becoming a veterinarian may enroll in the pre-veterinary medicine curriculum at UCA and prepare for application to any of several out-of-state schools. For example, the School of Veterinary Medicine at Louisiana Stat University (LSU) admits numerous Arkansas residents each year. Arkansas residents also have been admitted to Tuskegee University (Alabama), Kansas State University, the University of Missouri, and Oklahoma State University.

The interested student should anticipate spending three to four years preparing for admission to any school of veterinary medicine. The major and minor fields of study most commonly chosen are biology and chemistry, respectively. Students entering veterinary medicine school before they have completed a degree ma upon successful completion of the first year of veterinary school, be awarded a degree from UCA provided they have met the following requirements:

- Completion of 96 hours of study, with at least 75 hours in residence at UCA,
- Completion of all general education requirements, and
- Completion of a major area of study. Courses in the veterinary medicine curriculum may, with the approval of the department chair, be used to satisfy th major requirements.

The minimum course requirements for admission to LSU are given below. All requirements for admission may be completed at UCA. Because these requirement may change and because other schools' requirements differ from these, correspondence with each of the schools to which the student will apply should begin early enough to allow correction of deficiencies in that student's course of study.

Writing: WRTG 1310, 1320
Biology: BIOL 1440, 1441, 4420
Chemistry: CHEM 1450, 1451, 2401, 3411, 4320
Mathematics: MATH 1580; or 1390, 1392
Physics: PHYS 1410, 1420
Speech: SPCH 1300
Electives (12 hours)

Granting of credit for CLEP subject exams may be considered. Credit earned by passing CLEP general exams is not accepted by LSU. For this and for any other exception, the student must secure permission in advance from the School of Veterinary Medicine at LSU.

Outreach and Community Engagement

Executive Director: Kristy Carter, 450-3118

[1] General Information and Origin of the Division

Since 1920, public service has supported the University's mission when the first correspondence study classes were offered to meet the need for trained teache in remote locations of the state. As the University's role and scope expanded, outreach programs also evolved to reflect a more comprehensive curriculum. Facilities and technology resources grew to support these new offerings and were often used in connection with public service and community activities.

In 1975, the Board of Trustees created the Division of Continuing Education, now Outreach and Community Engagement, as a central administrative unit to coordinate the growing number of university outreach programs. The Division's role was to work with internal units to respond to public service needs. This rol was affirmed in 1988 when the continuing education model of "administratively centralized/academically decentralized" was espoused as an outcome of institutional restructuring. This model, which remains in place today, allows the academic units to retain ownership of outreach programs, while providing a centralized portal of access for engagement with the public.

[2] Mission, Vision, and Activities of the Division

Vision Statement: The Division of Outreach and Community Engagement (OCE) aspires to meet the diverse needs of our University and community partners through comprehensive learning and civic engagement opportunities.

Mission Statement: The Division of Outreach and Community Engagement (OCE) connects the campus with the community and provides quality, innovative and life-long learning opportunities in the areas of professional development, personal enrichment, and community and economic development.

Program and Services:

- Brewer-Hegeman Conference Center and customized conference support services for on- and off-campus meetings.
- Business Outreach and Training Services offered to local business and industry.
- Calendaring of several University facilities.
- Community and Economic Development- consulting, coordination, and research services.
- Community Education, which includes non-credit, personal interest courses.
- Professional Development courses and workshops for educators.
- Concurrent Enrollment courses offered at local high schools.
- Extended Study credit courses offered on a self-paced format.
- Summer athletic, youth, and special interest camps.

[3] Organization of the Division

The Division of Outreach and Community Engagement is divided into eight functional program areas:

Professional Development Programs provides professional development opportunities and other curriculum-driven programs for community, government, an workforce development.

Extended Study offers distance education courses for college degree or non-degree credit, via web-based correspondence formats. This program allows students additional time to complete courses.

Community Education Programs includes non-credit and personal enrichment courses that are open to the public during the fall and spring semesters.

Scheduling and Events facilitates, supports and coordinates on- and off-campus meetings and events which include summer youth programs designed to provide personal and academic enrichment.

Business Outreach and Training Services includes customized training and consulting services offered on a contractual basis. Companies may be eligible to receive state funding for training.

Concurrent Enrollment offers credit courses to high school students at their local high schools.

Center for Community and Economic Development includes the Community Development Institute Central. The Center supports Arkansas' communities and community developers, and represents the university through community engagement efforts with external partners.

Courses and programs facilitated through the Division of Outreach and Community Engagement are governed by approved fees and refund and registration policies that may differ from policies for other university courses or programs.

For more information on Outreach and Community Engagement projects, policies, and current offerings, come by our office located in the Brewer-Hegeman Conference Center, Suite 102, call (501) 450-3118, or visit uca.edu/outreach.

You can find information about the Brewer-Hegeman Conference Center online at uca.edu/brewerhegeman.

Honors College

Dean and Professor: Dr. Scott, 450-3198
Associate Dean and Associate Professor: Dr. Bowman
Director of Undergraduate Research and Associate Professor: Dr. Frana
Associate Professors: Dr. Frank, Dr. Wallace
Assistant Professor: Dr. Hostetter
Lecturer: Mr. Corbitt

[1] Purposes

The Honors College recognizes that highly motivated and able students have special educational needs. In order to help meet their needs, the Honors College gives these students the opportunity:

1. To take a series of specially designed courses.
2. To participate in a peer community of students with similar abilities.
3. To participate in a variety of co-curricular academic experiences.
4. To receive individualized instruction in an Oxford tutorial.
5. To produce an Honors College Thesis Project and present it before faculty and students.

[2] General Information

The Honors Program. The Honors Program consists of the Honors core courses, a multi-course sequence called The Human Search. These courses are for freshmen and sophomores and fulfill general education requirements. Honors core courses are broad in scope, transcend disciplinary boundaries, and can be taught by a team of professors from different academic disciplines.

The Honors College. The Honors College curriculum consists of a fifteen-hour Honors Interdisciplinary Studies minor. At the center of the curriculum is undergraduate scholarship: the Oxford Tutorial, in which a student works one-on-one with a professor on a research project, and the Thesis, in which the student writes and presents an interdisciplinary thesis. The Honors College is for juniors and seniors invited from those students completing the Honors Program.

The Honors Center. The Honors College is much more than a sequence of courses. In order for the educational process to be at the center of the student's life, the Honors College has a physical place where faculty and students gather for good conversation. The Honors Center has seminar rooms, the Forum, study rooms with computers, a specially designed presentation room, and faculty and staff offices. Students and faculty come to the Honors Center to study, meet wit each other, work on group projects, socialize, and engage in discussion. In addition, speakers, seminars, workshops, High Tables (regular discussion accompanied by good food), films and videos all provide the occasion to keep the conversation going. The Honors Center is a focal point for the social and intellectual activity of the Honors College.

Special Events. Each year the Honors College sponsors a series of lecture and performance events such as Challenge Week for the entire campus and central Arkansas community. Nationally prominent figures are invited to speak and spend time interacting with students and faculty. In addition, weekend retreats and special banquets are held for members of the Honors College community.

[3] Grants Programs

Funds are available for study abroad (Travel Abroad Grants) and research internships (Undergraduate Research Grants for Education). Eligible Honors College scholars prepare grant proposals, and monies are awarded on a competitive basis.

[4] Honors College Residence Hall

In addition to special instruction, Honors Scholars occupy a specially designated residence hall, Farris Honors Hall. The atmosphere reinforces the learning and friendships developed through the program, and selected Honors students act as live-in mentors, technology associates, and residential advisers. Application to the Honors College residence hall is through the Housing Department. Those students who have been accepted into the Honors College at the time of housing assignments will be placed in the Honors College residence hall based on space availability.

[5] Admission Requirements

The Honors College limits enrollment. For admission requirements and more information, contact

Dean, Honors College

McAlister Hall 306/Box 5024
University of Central Arkansas
Conway, Arkansas 72035-5000
Telephone: (501) 450-3198 or (501) 450-5295
E-mail: honors@uca.edu
Website: www.uca.edu/honors

[6] Honors Program Courses (HONC)

[6.1] Honors Core: The Human Search

Follow this link for HONC - Honors Core course descriptions: course link.

[6.2] Fifteen-Hour Minor in Honors Interdisciplinary Studies

Follow this link for HONC - Minor in Honors Interdisciplinary Studies course descriptions: course link.

[7] Honors College Graduation Requirements

To complete the Honors College minor in Honors Interdisciplinary Studies, a student must take 9 hours of Honors seminars and the Oxford Tutorial and complete an Honors College Thesis Project with an oral presentation.

Intensive English Program

[1] Purpose

The Intensive English Program (IEP) offers a series of language courses to non-native speakers of English at five different levels: Levels 1 through 5, each level eight weeks in length. The program strives to enable students to function on a day-to-day basis in an English-speaking environment, prepare them to successfully complete academic work in regular university courses, and introduce them to American culture. A course in TOEFL (Test of English as a Foreign Language) preparation skills are is also offered, and the Institutional TOEFL is administered each semester.

The program provides training to

1. International undergraduate or graduate students applying for admission to a US college or university who must first improve their language skills
2. International undergraduate or graduate students who have been admitted to UCA but require or desire further language preparation
3. International students and community residents who wish to improve their language skills for personal or professional purposes
4. International groups that require specialized language and cultural courses and activities

[2] Application Process

International applicants to the Intensive English Program must submit the following to the Office of International Programs (see the International Programs section of this bulletin):

1. Application for admission.
2. Non-refundable application fee of US $50.00 drawn from a US bank, or an international money order.
3. Evidence of sufficient financial support in the form of a certified bank statement from the applicant's financial sponsor proving the availability of a minimum of $17,000.00 for one full academic year (9 months) of study. Tuition and fees must be paid in full at the beginning of each semester or summer session.
4. Original or certified copies of all secondary, college, and university academic transcripts, including certified English translations, if applicant is also applying for conditional admission to UCA in order to pursue an undergraduate degree after completing the IEP.
5. TOEFL score, if available, although it is not required for admission to the IEP.

Other applicants, including immigrants, permanent residents, citizens, and refugees must submit the following:

1. Application for admission.
2. Non-refundable application fee of US of $50.00 drawn from a US bank, or an international money order.
3. Original or certified copies of all secondary, college, and university transcripts, including certified English translations, if applicant is also applying for conditional admission to UCA in order to pursue an undergraduate degree after completing the IEP.
4. TOEFL score, if available, although it is not required for admission to the IEP.

Upon acceptance, students will receive a letter of admission to the Intensive English Program and, if applicable, a Form I-20 and a letter of conditional admissio to the university.

[3] General Information

[3.1] Placement

IEP students are tested and interviewed upon their arrival at UCA. These results determine proficiency-level placement.

[3.2] Eligibility for Concurrent University Courses

Although a TOEFL score is not required for admission to the IEP, students who have earned a TOEFL score of 450-473 on the paper-based test, 133-150 on th computer-based test, or 45-60 on the Internet-based test and are conditionally admitted to UCA are normally eligible to take one regular concurrent university course while taking IEP classes. Continuing IEP students who have earned a TOEFL score of 477-497 on the paper-based test, 153-170 on the computer-based test, or 53-60 on the Internet-based test; have a GPA of 3.0 or better; and are conditionally admitted to UCA are eligible to take two additional regular concurrent university courses *with special permission*. IEP students must have an official TOEFL score on file, along with their other admission documents, befo they will be considered eligible to take concurrent courses. Scores must be received directly from Educational Testing Service (ETS). UCA's school code is 6012.

[3.3] IEP Completion and Admission to an Undergraduate Degree Program

All IEP students receive a certificate noting their participation in the program at the end of a semester. Excellent attendance is noted on certificates for students who meet all class attendance requirements, and academic achievement is noted on certificates for students who earn a GPA of 3.5 or above.

Undergraduate students who successfully complete the advanced level of the IEP with no individual course grade below a B will enroll directly in a UCA degree program the following term without submitting a TOEFL score, provided they meet all other admission requirements. No TOEFL score is necessary for these students.

Undergraduate IEP students who earn a minimum TOEFL score of 500 on the paper-based test or 173 on the computer-based test are also eligible to enroll directly in a UCA degree program the following term, provided they meet all other admission requirements.

[3.4] Academic Credit for Level 5 Courses

The Department of World Languages, Literatures, and Cultures may grant three credit hours for WLAN 2300 to full-time IEP students who meet the following criteria:

1. Students must have completed at least 9 hours of Level 5 IEP course work with a minimum GPA of 3.0.
2. Students must achieve As and Bs in all IEP classes and a score of 500 or above on the TOEFL.
3. Students must pass the Compass reading and writing tests for transitional classes or attain equivalent scores on the ACT or SAT tests.
4. Students must have been admitted to UCA on the basis of high school grades or grades issued by another university from which the student is transferring.

International students who have achieved the minimum score on TOEFL required for undergraduate admission to the university may also elect to enroll in IEP to enhance their English language skills prior to starting their degree programs. Such students will also receive credit for WLAN 2300 if they meet the criteria listed above.

[3.5] Facilities and Services

IEP offices and most classrooms are located in Torreyson Library West. IEP students have access to UCA's language, computer, and writing laboratories and all other UCA facilities and services.

[3.6] Room and Board

Incoming IEP students normally live on campus in university residence halls and eat in the university cafeteria.

[4] Further Information

For more information regarding the Intensive English Program, contact

Amy Fenning, IEP Director

316 Torreyson Library West
University of Central Arkansas
Conway, AR 72035 U.S.A.
Telephone: (501) 852-7412

[5] Intensive English Program Courses (IEP)

Follow this link for IEP course descriptions: course link.

Torreyson Library

Library Associate Professor and Director of the Library: Art Lichtenstein, 450-5201
Library Associate Professor and Assistant Director of the Library: Ms. Kaye Talley
Library Assistant Professors: Mr. Jimmy Bryant, Ms. Susan Burks, Mrs. Rene Le Beau-Ford, Mr. Chris Springer, Ms. Amber Wilson
Library Instructors: Mrs. Carolyn Baker, Ms. Elizabeth DiPrince, Mrs. Chrissy Karafit, Ms. Carol Hanan

Torreyson Library's mission is to be the center of intellectual life for the University of Central Arkansas community. Serving as UCA's "academic town square" an marketplace for ideas, the Library invites all members of our university community to come together, conduct research, study, access information, exchange diverse opinions, work collaboratively, and pursue intellectual growth.

Torreyson Library is staffed by 10 library faculty and 28 paraprofessionals.

Explore the library's online presence at uca.edu/library/.

Division of Enrollment Management

Vice-President: Dr. Parrent, 450-5070
Associate Vice-President: Dr. Winden Fey, 450-5384
Director of Academic Advising: Ms. Eubank
Director of Learning Communities: Dr. Stone
Director of Special Projects: Mr. Burns
Coordinator of UCAN Program: Mr. Williams
Resident Faculty Masters: Ms. Horton, Mr. Melton, Dr. Phwandaphwanda, Dr. Swift, Dr. Yarberry
Advisor: Ms. Ruud

[1] Components

The Division of Enrollment Management is designed to assist students to develop and strengthen competencies important for achieving academic success in the university's rigorous academic programs. The Division provides services in the following key areas:

- Academic Support Services
- Academic Success Workshops
- UCAN and UCAN II
- Learning Community Programs
    - Residential Colleges
    - Sophomore Year Experience
    - Traditional Learning Communities
    - First-Year Experience Course
- Professional Academic Advising

Academic support services are offered through the learning community programs and the Academic Advising Center, as well as through intervention programs such as the Academic Success Workshops and UCAN, where students can receive academic assistance both in content area and in the improvement of study skills.The Residential Colleges and the Sophomore Year Experience Program give students an opportunity to enrich their college experience in living/learning communities, while the Traditional Learning Communities Program provides both residential and commuter students with the benefits of a clustered learning curriculum.

[2] Academic Advising Center

Academic advisors offer students advisement related to registration, academic programs, and academic planning, as well as assisting students in locating resources to meet individual educational needs. They advise all incoming first-year students, undeclared students, visiting students, and undeclared transfer students. For more information phone 450-5149.

[3] Courses in Interdisciplinary Studies (INDS)

Follow this link for INDS course descriptions: course link.

[4] First Year Seminars (FYFS)

Follow this link for FYFS course descriptions: course link.

[5] UCA Consortium (UCAC)

Follow this link for UCAC courses: course link.

[6] UCA Study Abroad (UCAS)

Follow this link for UCAS courses: course link.

University College

Director: Dr. Novy, 450-3220
Lecturer II: Ms. Bratton, Ms. Christman, Ms. Edwards, Ms. Hudson, Ms. Johnson, Mr. Olds, Mr. Pachlhofer, Ms. Wood
Lecturer I: Ms. Corum, Mr. Dias, Ms. Fielder, Mr. Gardner, Ms. Martin

[1] Mission Statement

University College supports and contributes to the mission of the University of Central Arkansas (UCA) by offering a curriculum of state-mandated development requirements and general education courses designed to lead to the completion of a two-year Associate of Arts Degree or to prepare students for progression into UCA's baccalaureate degree programs. By being sensitive and responsive to the individual differences and diverse needs of transitional students seeking to achieve college-level skills in a variety of academic disciplines, University College promotes, encourages, and stimulates the personal, social, and intellectual growth of its student base through its commitment to the following goals and values:

- Our belief in a holistic and comprehensive approach to learning and learners
- Our belief that all students have different backgrounds and learning styles
- Our commitment to identify these diversities in order to foster a supportive, student-centered atmosphere that encourages student academic success
- Our commitment to provide and develop curriculum and support services that prepare students for other general education and upper division courses a UCA

[2] General Information

University College is open to students who meet the standards for admission as determined by the UCA Admissions Committee. The program of study includes the state-mandated transitional requirements as well as general education courses leading to an Associate of Arts degree in General Studies (AAGS). University College students who complete their transitional course requirements and twelve (12) hours of general education courses at UCA with a cumulative grade point average of at least a 2.00 are eligible for admission to a four-year program of study at UCA. University College students may also complete the AAGE before continuing toward a baccalaureate degree.

[3] Transitional Course Completion Policy

It is the policy of the University of Central Arkansas that any student who is required to complete transitional course work in reading, writing, or mathematics must complete the courses required for remediation within three attempts per area at UCA with a grade of C or higher. Unsuccessful attempts are those that result in a grade of D, F, W, WP, or WF. Failure to complete the required course(s) within three attempts per area will result in suspension from UCA. To re-enro at UCA, a student must complete the transitional course requirements with a grade of C or higher at another accredited institution of higher education and provide UCA with a transcript prior to registration for classes.

Additionally, this Transitional Course Completion Policy will apply to former UCA students who choose to re-enroll at the University. This policy was instituted 1996 in response to state legislation (statute 6-62-107 and Act 1141 of 1993) that was designed to reduce remediation at four-year colleges and universities Arkansas. The policy is administered at UCA through the University College.

UCA provides support services for students enrolled in the transitional courses including peer tutoring, computer-aided tutorials and software. Faculty maintain office hours so students can get individual help beyond the classroom. Students are encouraged to take advantage of these services.

[4] Support Programs

University College and UCA are committed to academic excellence as evident in the array of academic support services available to every student. All services ar administered by the university and offered to students without charge. University College works closely with the Academic Advising Center and the Academic Success Center, a tutoring program in Main Hall that is open to all UCA students and provides assistance in a variety of general education areas.

[5] Associate Degree: Associate of Arts in General Studies

Part of UCA's commitment to provide programs that meet the needs of the community, this Associate of Arts degree program in General Studies is designed to provide recognition for academic achievement and meet the personal interests of students. The credits earned toward the AAGS can also be applied to a baccalaureate degree.

The AAGS

- Validates the importance of the general education curriculum.
- Supports the role of the adult who needs recognition for degree completion prior to the baccalaureate degree.

Goal completion. Personally and professionally, this degree indicates that you are someone who sets and accomplishes goals.

- Provides academic recognition for employees as they are promoted by employers.
  Resume appeal. If you are a traditional student, this degree may enhance your job prospects.
  Job promotion. Employers often use educational attainment as a criterion for career advancement.
- Is attractive to the individual who has been at home for several years before returning to college to complete personal goals.
- May be useful to those who wish to do substitute teaching. Many public schools require at least the associate degree for those individuals who substitut teach.

[5.1] Major in General Studies

The associate of arts degree with a major in general studies requires 47 hours of general education courses and 13 hours of electives for a total of 60 unduplicated college credits to complete the degree, and a minimum 2.0 cumulative grade point average.

[6] University College Courses (UNIV)

Follow this link for UNIV course descriptions: course link.

Courses

Arkansas State Transfer System – ACTS

See Undergraduate Bulletin document.

UCA Courses

To make course descriptions more accessible, the following list--arranged alphabetically by course prefix--offers direct hyperlinking to course descriptions in this bulletin.

Prefix – Course Area (program/department)

ACCT – Accounting

AFAM – African and African American Studies

ANTH – Anthropology

ART – Art – (Studio Art, Art Education, Art History)

BIOL – Biology

BMTE – Business and Marketing Technology Education

CHEM – Chemistry

CHIN – Chinese

CSCI – Computer Science

CSD – Communication Sciences and Disorders

ECON – Economics

ECSE – Early Childhood and Special Education

EDUC – Education

ENGL – English

ENVR – Environmental Science

FACS – Family and Consumer Sciences

FILM – Digital Filmmaking

FINA – Finance

FREN – French

FYFS – First Year Seminars

GEOG – Geography

GERM – German

H ED – Health Education

H SC – Health Science

HIST – History

HONC – Honors College – Honors Core, Minor in Honors Interdisciplinary Studies

IDSN – Interior Design

IEP – Intensive English Program

INDS – Interdisciplinary Studies

INSU – Insurance and Risk Management

JAPN – Japanese

JOUR – Journalism

KPED – Kinesiology and Physical Education

KPED – Physical Education Activity

LAT – Latin

LING – Linguistics

MATH – Mathematics

MCOM – Mass Communication

MD T – Medical Technology

MGMT – Management

MIS – Management Information Systems

MKTG – Marketing

MSIT – Middle/Secondary Education

MILS – Military Science and Leadership – Basic, Advanced

MUS – Music – (History and Literature, Pedagogy, Piano Classes, Special Courses, Theory)

MUSA – Music – Applied Lessons, individual instruction

MUSE – Music – Ensemble, group instruction

NMT – Nuclear Medicine Technology

NURS – Nursing

NUTR – Nutrition and Food Services

OTHY – Occupational Therapy

PHIL – Philosophy

PHYS – Physics and Astronomy – (Courses for Non-Physics Majors and Physics Majors)

PRLS – Public Relations

PSCI – Political Science

PSYC – Psychology

PTHY – Physical Therapy

QMTH – Quantitative Methods

RADG – Radiography

RELG – Religion

RUSS – Russian

SCI – Science Education

SOC – Sociology

SPAN - Spanish

SPCH - Speech Communication

THEA - Theatre

UNIV - University College Courses

WLAN - World Languages Offered in English

WRTG - Writing

Board of Trustees and Administration

Undergraduate Bulletin
Document Number 5.01

[1] Board of Trustees

For the current membership of the Board of Trustees, use this link: Board of Trustees.

[2] Presidents of the University of Central Arkansas

J. J. Doyne, 1908–1917
B. W. Torreyson, 1917–1930
H. L. McAlister, 1930–1941
Nolen M. Irby, 1941–1953
Silas D. Snow, 1953–1975
Jefferson D. Farris, Jr., 1975–1986
Winfred L. Thompson, 1988–2001
Lu Hardin, 2002–2008

[3] President, Provost, and Vice Presidents

Allen Meadors, President
Lance Grahn, Provost and Dean of Faculty
Jack Gillean, Chief of Staff
Paul McLendon, Vice President for Financial Services
Shelley Mehl, Vice President for Advancement
Ronnie Williams, Vice President for Student Services
Jeff Pitchford, Vice President of University and Government Relations
Tom Courtway, General Counsel
Katie Henry, Associate General Counsel

[4] Selected Academic Administrators

Jonathan A. Glenn, Associate Provost
Elaine McNiece, Associate Provost and Dean of the Graduate School
Pat Cantrell, Dean, College of Business Administration
Diana Pounder, Dean, College of Education
Neil Hattlestad, Dean, College of Health and Behavioral Sciences
Maurice Lee, Dean, College of Liberal Arts
Rollin Potter, Dean, College of Fine Arts and Communication
Steven Runge, Dean, College of Natural Sciences and Mathematics
Leonard Seawood, Dean, Academic Outreach and Extended Programs
Tim Atkinson, Assistant Provost and Director of Sponsored Programs
Art Lichtenstein, Director of Torreyson Library
Richard Scott, Director of the Honors College
Terrance Kearns, Director of Exemplary Studies
Conrad Shumaker, Interim Director of General Education
Anthony D. Sitz, Registrar

[5] Non-Academic Deans and Selected Directors

Brad Teague, Athletic Director
Alexander N. Chen, Associate Vice President for International Engagement
Gary Roberts, Dean of Students
Melissa Goff, Director of Admissions and Institutional Research
Cheryl Lyons, Director of Financial Aid

Rick McCollum, Associate Controller & Director of Student Accounts/Director of Housing & Residence Life
Jan Newcomer, Director of Alumni Services

Faculty Roster

Beginning in Fall 2008, the UBulletin Faculty Roster will be updated annually by October 1.

Browse the roster or use the following links to jump to a part of the list by last-name initial.

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

A

ACRE, CATHERINE, Assistant Professor, Department of Occupational Therapy, EdD University of Arkansas at Little Rock, MA Texas Woman's University, BS University of Central Arkansas

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STEARNS, DAVID, Assistant Professor, Department of Occupation Therapy, MD Iowa University, BS Iowa State University

STEELMAN, KAREN, Assiociate Professor, Department of Chemistry, PhD Texas A&M University, BA Hendrix College

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STENGEL, WAYNE B., Professor, Department of English, PhD Duke University, MA New York University, MA University of Louisville, BA Grinnell College

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STEPHENS, STACY, Instructor II, Department of Physical Therapy, MS University of Arkansas, BA University of Arkansas

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TAYLOR, WILLIAM S., Professor, Department of Chemistry, PhD Louisiana State University, BS Hendrix College

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TYSON, BLAKE, Associate Professor, Department of Music, DMA The Eastman School of Music, The University of Rochester, MM Kent State University, BM University of Alabama

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WEAVER, KAREN C., Assistant Professor, Department of Chemistry, PhD Ohio University, BS Marietta College

WEBSTER-SMITH, ANGELA, Assistant Professor, Department of Leadership Studies, PhD University of Memphis, MS University of Memphis, BBA University of Memphis

WEKKIN, GARY D., Professor, Department of Political Science, PhD University of British Columbia, MA University of British Columbia, BA University of Wisconsin-Madison

WELKY, DAVID, Associate Professor, Department of History, PhD Purdue University, MA Purdue University, BA Northeast Missouri State University (now Truman State)

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YOUNG, LOUIS, Assistant Professor, Department of Music, DMA University of Michigan, MM University of Georgia, BM University of Georgia

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Z

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ZEHR, DAVID, Associate Professor, Department of Biology, PhD Medical University of South Carolina, MS North Carolina State University, BA Dartmouth College

ZELTMANN, STEVEN, Associate Professor, Department of Management Information Systems, PhD Florida State University, MBA Florida State University, BS University of Missouri at Columbia

ZHUANG, GUO-OU, Assistant Professor, Department of World Languages, Literatures and Cultures, PhD University of Southern California, MA University of Southern California, MA Nanjing University, China, BA Nanjing University, China

Chemistry

Return to Chemistry

[1] Courses in Chemistry (CHEM)

1301 FUNDAMENTAL CHEMISTRY The purpose of this course is to provide the background necessary for subsequent study in chemistry. Basic concepts of chemistry for students with limited or no previous chemistry instruction. Lecture, small-group work, and laboratory demonstrations are used in the course. CHE 1301 may not be used to satisfy any chemistry requirement in conjunction with CHEM 1402 or 1450. Prerequisite: Consent of instructor. Not open to students who have completed CHEM 1402 or 1450. Fall, spring, summer.

1400 CHEMISTRY IN SOCIETY Study of chemistry for general education with emphasis of learning chemical principles on a need-to-know basis to address societal-technological issues such as environmental problems, energy uses, drugs, polymers, nutrition, and genetic engineering. Small-group work, laboratory instruction, and the worldwide web are all used. Critical thinking and problem-solving skills are emphasized. Three hours of lecture and 2 hours of laboratory per week. CHEM 1400 does not count towards a major or minor in chemistry, a minor in physical science, a major in general science, or a minor in physical science. No prerequisite. Fall, spring.

1402 GENERAL CHEMISTRY FOR HEALTH SCIENCES A required course for BS in Nursing and other allied-health baccalaureate degrees. General chemistry topics related to physiology and other health-related sciences. Lecture, small-group work, and laboratory instruction are used. Three hours of lecture and 2 hours of laboratory per week. Prerequisite: grade of C or better in high school chemistry or CHEM 1301. Fall, spring, summer I.

1450 COLLEGE CHEMISTRY I A required course for chemistry and biology majors, the biological and chemical physics tracks, and pre-pharmacy, pre-medicine pre-dental, and pre-veterinarian study. Recommended for pre-physical therapy. Principles of general chemistry with emphasis on their theoretical and quantitative aspects and applications. Lecture, small-group work, and laboratory instruction are used. Three hours of lecture and 3 hours of laboratory per wee Prerequisite: C grade or better in high school chemistry (full-year course or equivalent) and 2 units of high school algebra, or C grade or better in CHEM 1301. Fall, spring, summer I.

1451 COLLEGE CHEMISTRY II Continuation of College Chemistry I. Lecture, small-group work, and laboratory instruction are used. Three hours of lecture and hours of laboratory per week. Prerequisite: grade of C or better in CHEM 1450. Fall, spring, summer II.

2101, 2201 UNDERGRADUATE RESEARCH Research collaboration with a chemistry faculty member. Open to sophomores. Prerequisite: CHEM 1451. Fall, spring

2401 ORGANIC CHEMISTRY I Required for a chemistry major and for many health-profession areas including pre-dentistry, pre-medicine, and pre-pharmacy. Focuses on structure, physical properties, reactivity patterns, and stereochemistry of hydrocarbons and halogenated hydrocarbons. Introduces students to the design of multi-step syntheses and the use of reaction mechanisms to explain chemical behavior. In the laboratory, students learn basic microscale and macroscale laboratory techniques and develop scientific reasoning skills. Laboratory experiments are chosen that clarify and demonstrate the basic chemical principles encountered in lecture. Three hours of lecture and 3 hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 1451. Fall, spring, summer I.

2450 INTRODUCTION TO ORGANIC AND BIOCHEMISTRY Continuation of CHEM 1402; a required course for BS in Nursing and other allied-health baccalaurea degrees. Organic and biochemistry topics related to physiology and the health-related sciences. Introduction to the structural formulas and reactions of organic molecules followed by the chemistry of biological substances, including their metabolism. Lecture, small-group work, and laboratory instruction are used. Three hours of lecture and 2 hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 1402. Fall, spring, summer II.

3101, 3201 UNDERGRADUATE RESEARCH Research collaboration with a chemistry faculty member. Open to juniors. Prerequisite: CHEM 3411. Fall, spring.

3150 ADVANCED INORGANIC LABORATORY Required course for the ACS-certified chemistry BS degree and an elective in the BS with major in chemistry degree. Draws from and complements topics covered in CHEM 4380. Focuses on experimental methods common to inorganic chemistry, including inert atmosphere syntheses, specific characterization techniques, and affiliated instrumentation. Some attention given to experiments in computational chemistry and in materials science. Three hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 3411, 3520; co-requisite 4380. Spring.

3211 ORGANIC SPECTROSCOPY Required for a chemistry major. Students are introduced to modern methods of molecular structure determination including mass spectroscopy, infrared spectroscopy, and NMR spectroscopy. Students gain practice in the integration of diverse experimental information toward the correct identification of molecular structures. Two hours of lecture per week. Corequisite: CHEM 3411. Prerequisite: Grade of C or better in CHEM 2401. Spring.

3360 INTERMEDIATE INORGANIC CHEMISTRY Extension of principles of chemical structure, periodicity, and applications of inorganic systems to industrial, environmental, and biochemical processes. Three hours of lecture per week. Counts towards the BS with a major chemistry or a general science major; does no count towards an ACS-certified chemistry BS degree. Elective option for the ACS-certified chemistry BS degree: Standard Track. Prerequisite: Grade of C or bette in CHEM 1451. Fall.

3411 ORGANIC CHEMISTRY II Continuation of CHEM 2401. An introduction to the chemistry of common organic functional groups including aromatics, alcohol ethers, carbonyl compounds, and amines. Both the lecture and laboratory portions of the course emphasize fundamental concepts related to molecular reactivit multi-step synthesis design, and structure determination using both classical methods and modern spectroscopic methods. Three hours of lecture and 3 hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 2401. Fall, spring, summer.

3520 QUANTITATIVE ANALYSIS Theory and practice of gravimetric, volumetric, and instrumental methods of quantitative analysis. The laboratory develops problem-solving and analytical techniques for the proper analysis of a variety of analytes in a biochemical matrix. Three hours of lecture and 6 hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 1451. Fall, spring.

4101, 4201 SENIOR RESEARCH Original investigation of an assigned laboratory problem. Prerequisite: 3 years of chemistry. Fall, spring.

4109/4209/4309 SPECIAL PROBLEMS IN CHEMISTRY Used in special cases for upper-division students. Fall, spring.

4112 SEMINAR Formal presentation and discussions of current topics in chemistry by faculty and upper-division chemistry students. One hour of lecture per week. Prerequisite: CHEM 3411. Spring.

4121 BIOCHEMISTRY LABORATORY A laboratory course in modern biochemical techniques investigating proteins, nucleic acids, carbohydrates, and lipids. Fou hours of laboratory per week. Prerequisite: CHEM 3411; pre- or co-requisite: CHEM 4320. Fall, spring.

4152 ENVIRONMENTAL CHEMISTRY LABORATORY Upper-division elective for chemistry majors and minors and a required course for those in the biology and chemistry tracks of the environmental science program. Uses a laboratory format emphasizing sampling, analysis, and data reduction techniques for multi-component environmental samples. Three hours of laboratory per week. Pre- or co-requisite: CHEM 4351. Spring, odd years.

4301 LABORATORY MANAGEMENT Provides school science teachers with skills needed to integrate laboratory experiments efficiently and safely into the scien curriculum. Major topics include evaluation of facilities, selection of experiments, teaching strategies, record keeping, ordering supplies, and laboratory safety. Three hours of lecture per week. Does not count towards a major or minor in chemistry, a major in general science, or a minor in physical science. As needed.

4320 BIOCHEMISTRY I Required course for the ACS-certified chemistry BS degree: Biochemistry Track; ACS-certified chemistry BS degree: Standard Track; and the BS with major in chemistry degree. A survey of the structure and functions of important classes of biomolecules. Metabolism, processing of genetic information, and current topics in biochemistry will be addressed. Three hours of lecture per week. Prerequisite: Grade of C or better in CHEM 3411. Fall, sprin

4335 BIOCHEMISTRY II Required course for the ACS-certified chemistry BS degree: Biochemistry Track and an elective for the ACS-certified chemistry BS degre Standard Track. Continuation of CHEM 4320. Three hours of lecture per week. Prerequisite: Grade of C or better in CHEM 4320. Spring.

4351 ENVIRONMENTAL CHEMISTRY An upper-division elective for chemistry majors and minors and a required course for those in the biology and chemistry tracks of the Environmental Science program. The course explores the chemistry of the environment with particular emphasis on the atmosphere, hydrosphere, lithosphere, biosphere, and energy. Discussion/lecture. Three hours of lecture per week. Elective option for the ACS-certified chemistry BS degree: Standard Track. Prerequisites: Grade of C or better in CHEM 3411 and CHEM 3520. Spring, odd years.

4380 ADVANCED INORGANIC CHEMISTRY Required course for the ACS-certified chemistry BS degree: Standard Track, and an elective for the BS with major in chemistry degree. CHEM 4380 or CHEM 3360 is required for the ACS-certified chemistry BS degree: Biochemistry Track. Emphasis on the periodic properties of the elements and how these derive from modern atomic theory. Uses modern theories of chemical bonding, including molecular orbital theory and symmetry, t outline the systematic chemistry of the transition metals as well as representative main group elements. Introduction to organometallic compounds and their catalysis of important organic transformations. Emphasizes current primary inorganic literature sources. Three hours of lecture per week. Prerequisite: Grade of or better in CHEM 4450. Spring.

4385 TOPICS IN ADVANCED CHEMISTRY An elective upper-division course for both the ACS-certified chemistry BS degree and the BS with major in chemistry degree. Advanced topics in chemistry based on the quantum mechanical and other concepts of modern physical chemistry. Three hours of lecture per week. Elective option for the ACS-certified chemistry BS degree: Standard Track. Prerequisite: CHEM 4460. As needed.

4450 PHYSICAL CHEMISTRY I Required upper-division course for chemistry majors. Modern theoretical chemistry with laboratory applications. Serves as a prerequisite class for advanced chemistry courses. Designed to challenge students to think of chemistry primarily from a molecular and mathematical basis. Topics covered are predominately those relating to quantum chemistry, spectroscopy, and chemical kinetics. Significant amount of computer simulation using modern mathematical software. Three hours of lecture and three hours of laboratory per week. Prerequisites: Grade of C or better in CHEM 1451, PHYS 1442 (o PHYS 1420 if approved), and MATH 1592. Fall.

4451 ADVANCED ANALYTICAL CHEMISTRY Required upper division course for the ACS-certified chemistry BS degree: Standard Track, and an upper division elective for both the ACS-certified chemistry BS degree: Biochemistry Track, and the BS with major in chemistry degree. This course focuses on instrumentation used in modern chemical analysis for a variety of techniques. Operational theory is a major component of lecture portion of the course. Emphasis is placed on physical phenomena that are probed or manipulated in each technique and their relationships to instrumental optimization. Laboratory experiments illustrate

principles of electronics, data acquisition, experimental theory, and specific operation details for each method. Three hours of lecture and three hours of laboratory per week. Prerequisite: Grade of C or better in CHEM 3520. Fall.

4460 PHYSICAL CHEMISTRY II Required course for the ACS-certified chemistry BS degree: Biochemistry Track; ACS-certified chemistry BS degree: Standard Track; and the BS with major in chemistry degree. The lecture covers classical thermodynamics, statistical mechanics, chemical equilibria, thermochemistry, and solutions. The laboratory component includes experiments illustrating principles of calorimetry, thermodynamics, and multicomponent systems. Three hours of lecture and three hours of laboratory per week. Prerequisites: Grade of C or better in CHEM 1451, PHYS 1442 (or PHYS 1420 if approved), and MATH 1592. Spring.

Political Science

Return to Political Science

[1] Courses in Political Science (PSCI)

1300 INTRODUCTION TO POLITICAL SCIENCE A survey of the discipline of political science designed to introduce students to important theories, concepts, issues, in the study of political behavior, phenomena, and processes. The course will cover the major subfields of political science, including political theory, research methods, American government, comparative politics, public administration, public policy, and international relations. The course will be offered every semester. The method of instruction is lecture and discussion.

1330 UNITED STATES GOVERNMENT AND POLITICS Part of the general education program as either an American history and government or a behavioral and social sciences elective, a requirement for the Political Science major and minor (but not limited to majors and minors), and a prerequisite for most political science courses. An introduction to the principles and problems of American government, governing institutions, and political processes. Lecture and discussion Fall, spring, summer.

2300 INTRODUCTION TO INTERNATIONAL RELATIONS A study of the interactions and behaviors of state and non-state actors in the international system, wi particular emphasis on the concepts and theories related to the subfields of international security and international political economy. This course is part of the General Education program as a Behavioral & Social Sciences elective, is recommended for all upper-division international relations courses, is a prerequisite fo the Presidential Studies minor, is a core requirement for the Political Science major and minor, and is a core requirement for the International Studies major and minor. Fall, spring.

2305 INTRODUCTION TO PUBLIC ADMINISTRATION AND POLICY A required course for majors and minors in public administration and political science but open to other students with an interest in the topic. This course introduces students to the public policy making process, the American public policy environment, the theory and practice of public administration, and the role of public administrators in the public policy process. Fall, spring.

2312 STATISTICAL METHODS FOR POLITICAL ANALYSIS An introduction to descriptive and inferential statistics, hypothesis testing, and displaying of data in various formats. This course or Political Science Applications in GIS (PSCI 2322) is a core requirement for the Political Science major and minor, and for the International Studies major and minor. Fall, spring.

2315 INTRODUCTION TO POLITICAL THEORY An introduction to the major themes and methods of normative political theory. PSCI 2315 is a core, required course for the Political Science major and minor, but is open to all interested students. Fall, spring.

2320 INTRODUCTION TO COMPARATIVE POLITICS A study of the concepts and methods of comparative politics. Special emphasis is given to comparing the types and forms of political systems and the political processes they undergo. A requirement for the Political Science and International Studies major and minor (but not limited to majors and minors). Fall, spring.

2322 POLITICAL SCIENCE APPLICATIONS IN GIS This course or Statistical Methods for Political Analysis (PSCI 2312) is a core course for a major or minor in Political Science, International Studies, and Public Administration. This computer lab-oriented course introduces the student to the spatial analysis in political science using a short lecture and lab exercise format. A lower-division course for majors and minors. Fall.

3300 STATE GOVERNMENT AND POLITICS This course introduces students to the political processes and administrative procedures of state governments. Because state governments are "laboratories of democracy," the course will take a comparative approach and discuss the similarities and differences among states with respect to institutional structures, laws and regulations, political cultures, histories, demographics, and economics. A requirement for the Public Administration major and minor and elective for the Political Science major and minor (but not limited to majors and minors). This course covers the American Politics subfield. Prerequisite: PSCI 1330. Fall.

3305 UNITED NATIONS AND INTERNATIONAL POLITICS A study of the history, establishment, charter, structure, and decision-making processes of the Unite Nations. Students will critically analyze the role of the UN in the international system during the Cold War and post-Cold War periods, specifically in the areas o international peace and security; disarmament and arms control; human rights; humanitarian assistance and refugees; and economic and social development. This course is an elective for the Political Science major and minor in the International Relations subfield and International Studies major and minor (Internation Politics and Diplomacy concentration). Prerequisites: PSCI 1330, 2300, or consent of instructor. Fall (odd year).

3313 RESEARCH DESIGN An elective for the Political Science major and minor (but not limited to majors and minors). An in-depth examination of strategies available for performing social science research. Includes experimental, quasi-experimental, non-experimental, and survey research designs. Lecture and discussion. Prerequisite: PSCI 1330. Fall or spring (on demand).

3315 INTERNATIONAL LAW AND ORGANIZATIONS A study of the origins and roles of international law and international organizations in the international system beginning in the 19th century. Special emphasis is placed on the extent to which aspects of international law and international organizations influence o

constrain the behaviors and interactions of state and non-state actors in the international system. As a result of this course, the student will be able to critically analyze the effectiveness of specific aspects of international law and international organizations in the international system since the end of the Second World War. This course is an elective for the Political Science major and minor in the International Relations subfield and International Studies major and minor (International Politics & Diplomacy concentration). Prerequisites: PSCI 1330, 2300, or consent of instructor. Fall (even years).

3320 ENVIRONMENTAL POLICY An introduction to environmental policy at the federal and state levels. The creation and implementation of environmental poli will be analyzed. An elective for the Political Science major and minor in the Public Policy subfield and the public administration major and minor (but not limite to majors and minors). Prerequisites: PSCI 1330, 2305, or consent of instructor. On demand.

3330 POLITICAL PARTIES AND ELECTORAL PROBLEMS A study of the history, organization, and operation of political parties in the United States, with emphasis on electoral behavior. This course is an elective for the Political Science major and minor in the American Politics subfield. Prerequisite: PSCI 1330. Spring (on demand).

3336 LOCAL GOVERNMENT AND POLITICS A study of local governments in the U.S. and Arkansas including cities, counties, special districts, and school districts. The following challenges are examined: taxing, spending, revenue-sharing, education, policy, crime, and welfare. An elective for the Political Science major and minor in the American Politics subfield and the Public Administration major and minor (but not limited to majors and minors). Prerequisite: PSCI 1330 Offered every other year.

3340 GOVERNMENTS AND POLITICS OF EUROPE AND RUSSIA A comparative study of the governments and political systems of selected countries in Western European, Eastern Europe, and Russia since the end of the Cold War. This course is an elective for the Political Science major and minor in the Comparative Politics subfield and the International Studies major and minor (Regional Studies concentration). Prerequisites: PSCI 1330, 2320, or consent of instructor. Summ (on demand).

3350 INTEREST GROUPS AND MONEY IN POLITICS A study of the roles and practices of organized interest groups in the American political process, from the financing of candidates for public office through the influencing of decision-makers and of public policy. This course is an elective for the Political Science majo and minor in the American Politics subfield. Prerequisite: PSCI 1330. Fall or spring (on demand).

3361 PUBLIC POLICY ANALYSIS A study of the public policy process in the United States, with focus on various theories of public policy and specific policy areas. An elective for the Political Science major and minor in the Public Policy subfield and a core requirement for the Public Administration major and minor. Prerequisites: PSCI 1330, 2305, or consent of instructor. Spring.

3365 PUBLIC MANAGEMENT A required course for majors and minors in Public Administration. An elective for Political Science students. The primary purpose this course is to teach students about public organizations, the real world challenges facing public managers in administering government operations, the roles that public managers play in the development and implementation of public policies, and the specific functions that they undertake (planning, organizing, leading, decision-making). This course covers the Public Administration subfield. Prerequisites: PSCI 1330, 2305, or consent of instructor. Spring.

3370 POLITICAL THEORY I A study of the history of Western political thought from ancient Greece to the Renaissance. This course is an elective for the Politic Science major and minor in the Political Theory subfield. Prerequisites: PSCI 1330 and 2315. Fall.

3371 POLITICAL THEORY II A study of the development of western political thought from the Reneissance to the Industrial Revolution. This course is an electiv the Political Science major and minor in the Political Theory subfield. Prerequisites: PSCI 1330 and 2315. Spring.

3372 POLITICAL BEHAVIOR A study of the various techniques of empirical research in political science with particular emphasis on the analysis of public opinion, electoral behavior, and other forms of political behavior. This course is an elective for the Political Science major and minor in the American Politics subfield. Prerequisite: PSCI 1330. Spring (on demand).

3375 THE AMERICAN JUDICIAL SYSTEM An examination of the legal system in the United States, with emphasis upon the structure of federal and state courts, court procedure, the role of lawyers and judges, and the political impact of court decisions. This course is an elective for the Political Science major and minor the American Politics subfield. Prerequisite: PSCI 1330. Fall (on demand).

3382 POLITICS OF DEVELOPING NATIONS This course focuses on the causes and consequences of political and economic development in the "Third World." A elective for the Political Science major and minor (but not limited to majors and minors) in the Comparative Politics subfield. Prerequisites: PSCI 1330, 2320, or consent of instructor. Taught every third semester.

4300 CONSTITUTIONAL LAW A study of the Constitution of the United States, focusing on the work of the United States Supreme Court and the effects of its decisions upon the political system of the United States. This course is an elective for the Political Science major and minor in the American Politics subfield. Prerequisite: PSCI 1330. Fall.

4301 CIVIL LIBERTIES An examination of the historical background, judicial decisions and contemporary social criticisms regarding civil liberties, with a focus o the Bill of Rights. This course is an elective for the Political Science major and minor in the American Politics subfield. Prerequisite: PSCI 1330. Spring.

4305 THE POLITICAL ECONOMY OF DEVELOPMENT This course focuses on the causes and consequences of political and economic development in th developing world. An elective for the Political Science major and minor Ubut not limited to majors and minors) in the Comparative Politics subfield. Prerequisites PSCI 1330, 2320, or consent of instructor. Taught every third semester.

4307 POLITICAL ETHICS This course is a thorough study of the relationship between politics and ethics, with an emphasis on understanding the moral and political challenges of public office holders. The course is an elective for the Political Science major and minor (but not limited to majors and minors) in the Political Theory subfield. Prerequisites: PSCI 1330, 2315. On demand.

4310 INTERNATIONAL POLITICAL ECONOMY AND GLOBALIZATION A study of the theories of international political economy and globalization. The dynamic of the global economy and the role of international financial institutions, such as the WTO, IMF, and the World Bank Group will be examined. This course is an elective for the Political Science major and minor in the International Relations subfield and the International Studies major and minor (International Political Economy and Development concentration). Prerequisites: PSCI 1330, 2300, or consent of instructor. Spring (even years).

4312 CHINA & INTERNATIONAL POLITICS A study of China's position and interactions in the contemporary international political system, including an emphas on Chinese foreign policy and China's relations with the United States, European Union, Russia, Japan, and other major global actors. This course is an elective f the Political Science major and minor and the International Relations subfield and the International Studies major and minor (International Politics & Diplomacy and Regional Studies concentration). Prerequisites: PSCI 1330, 2300, or consent of instructor. Spring (odd years).

4315 THE POLITICS OF PRESIDENTIAL SELECTION A study of the process by which US presidential candidates are nominated by their parties and then elected and the constitutional devices (federation, electoral college) that shape the process. Campaign organization, finance, and strategy are thoroughly examined, as electoral behavior in presidential elections. This course is an elective for the Political Science major and minor in the American Politics subfield, and is a core requirement for the Presidential Studies minor. Prerequisite: PSCI 1330. Fall, Spring.

4320 REVOLUTION AND POLITICAL VIOLENCE This course focuses on the causes and consequences of mass political violence including revolutions, civil wars and coups d'etat. An elective for the Political Science major and minor (but not limited to majors and minors) in the Comparative Politics subfield. Prerequisites: PSCI 1330, 2320, or consent of instructor. On demand.

4325 MEXICAN POLITICS AND US-MEXICAN RELATIONS This course focuses on the study of the government and politics of Mexico and the relationship between Mexico and the United States. An elective for the Political Science major and minor (but not limited to majors and minors) in the Comparative Politics subfield. Prerequisites: PSCI 1330, 2320, or consent of instructor. Taught every third semester.

4328 DYNAMICS OF DEMOCRATIZATION A comparative approach to the study of democratization including the origins and causes of democracy, the problem of democratic transition, and the conditions for democratic stability and development. The course is an elective for the Political Science major and minor in the Comparative Politics subfield and the International Studies major and minor (International Political Economy and Development concentration). Prerequisites: PSC 1330, 2320, or consent of instructor. Fall (even years).

4331 AMERICAN POLITICAL THEORY An examination of the major theoretical ideas and issues of American political thought from the colonial period to the present. This course is an elective for the Political Science major and minor in the Political Theory subfield. Prerequisites: PSCI 1330 and 2315. Fall (odd years).

4334 THE AMERICAN PRESIDENCY A study of the U.S. Presidency, nomination, election, reponsibilities and powers, and principles of contemporary executive-legislative relationships. This course is an elective for the Political Science major and minor in the American Politics subfield, in the International Studies major and minor, it is a core requirement for the Presidential Studies minor, and is an elective for the Public Administration major. Prerequisite: PSCI 1330. Fall, sprin (on demand).

4335 THE AMERICAN CONGRESS A study of the U.S. Congress examining how people are nominated and run for these legislative offices, how the legislative branch is organized, and legislative procedures. This course is an elective for the Political Science major and minor in the American Politics subfield and the Public Administration major.. Prerequisite: PSCI 1330. On demand.

4340 SEMINAR SELECTED TOPICS An elective for the PSCI major and minor (but not limited to majors and minors). Investigation of a significant issue or field o study in political science. Prerequisite: Junior, senior, or approved graduate standing with the prerequisites varying according to the topic and degree of specialization required. Lecture and discussion. On demand.

4345 GOVERNMENTS AND POLITICS OF AFRICA A broad study of African traditional and modern political institutions as well as a specific examination of selected cases.This course is an elective for the Political Science major and minor in the Comparative Politics subfield and the Interational Studies major and minor (Regional Studies concentration). Prerequisites: PSCI 1330, 2320, or consent of instructor. Spring (odd years).

4348 GOVERNMENTS AND POLITICS OF THE MIDDLE EAST A comparative approach to the study of governments and politics of the Middle East including the region's pre-colonial and modern political institutions, political culture, and democratization process. The course is an elective for the Political Science major an minor in the Comparative Politics subfield and the International Studies major and minor (Regional Studies concentration). Prerequisites: PSCI 1330, 2320, or consent of instructor. Fall (odd years).

4350 PUBLIC POLICY AND PROGRAM EVALUATION An elective course for majors and minors in political science and public administration (but not limited to majors and minors). The primary purpose of this course is designned to provide an overview to field of policy and program evaluation. Program evaluation is a crucial aspect of the policymaking process with the examination of whether (and how) existing policies and/or programs work. Combines lecture and discussion methods. This course covers the Public Policy subfield. Prerequsites: PSCI 1330, 2305, of consent of instructor. Fall, even years.

4351 COMMUNITY AND REGIONAL PLANNING A study of the concepts and techniques of community and regional planning, with emphasis on the analysis of the community power structure. An elective for the Political Science major and minor in the Public Administration subfield and the Public Administration major and minor (but not limited to majors and minors). Prerequisites: PSCI 1330, 2305, or consent of instructor. On demand.

4375 INTERGOVERNMENTAL RELATIONS A study of the administrative, political, legal, and fiscal relationships among federal, state, and local government in the United States. An elective for the Political Science major and minor in the Public Administration subfield and the Public Administration major and minor (but not limited to majors and minors). Prerequisites: PSCI 1330, 2305, or consent of instructor. Fall (odd years).

4385 SPECIAL TOPICS IN PUBLIC ADMINISTRATION An elective course for majors and minors in public administration, political science, and international studies. This course will explore topics in public administration including Administrative Law, Comparative Public Administration, Public Personnel Administratio and Non-Profit/NGO Administration. This course covers the Public Administration subfield. Prerequisites: PSCI 1330, 2305, or consent of instructor. On demand

4386 SPECIAL TOPICS IN PUBLIC POLICY An elective course for majors and minors in political science and public administration (but not limited to majors and minors). This course will provide an in-depth examination of substantive public policy areas such as education, health care, community development, social welfare, among others. Combines lecture and discussion methods. This course covers the Public Policy subfield. Prerequisites: PSCI 1330, 2305, or consent of instructor. On demand.

4388 AMERICAN FOREIGN POLICY A study of the foreign policy of the United States since the end of World War II, with emphasis on the goals and instruments of U.S. foreign policy, as well as the individual, societal, governmental, interstate, and global influences on U.S. foreign policy decisions. This course is an electi for the Political Science major and minor in the International Relations subfield and the International Studies major and minor (International Politics & Diplomacy concentration). Prerequisite: PSCI 1330, 2300, or consent of instructor. Spring (even years).

4390 INTERNSHIP IN POLITICAL SCIENCE This course provides a structured, supervised work experience in a public agency, a political campaign, or the office of an elected official. Each internship is unique to the needs of the student and the participating employer, but each student will complete between 120 and 15 hours of work during the semester. The activities and work hours will be determined by the student and the employer prior to the first day of the internship. A elective for the political science major and minor, this internship will count as the upper-division elective in one of the issue areas; the determination of the appropriate issue area will be made by the chair and the internship coordinator. The student must consult the internship coordinator before the start of the internship for approval. Prequisite: Junior or senior standing. Fall, spring, summer.

4391 GOVERNMENT BUDGETING A study of the political and administrative aspects of government budgeting including a discussion of the budget process at each level of government and the key political and administrative actors making budget policy. An elective for the Political Science major and minor in the Publi Administration subfield and the Public Administration major and minor (but not limited to majors and minors). Prerequisites: PSCI 1330, 2305, or consent of instructor. Fall (even years).

4395 INTERNATIONAL CONFLICT AND CONFLICT MANAGEMENT A study of the concepts and theories of crisis, conflict, and war, as well as the techniques a theories of conflict management. This course is an elective for the Political Science major and minor in the International Relations subfield and the International Studies major and minor (International Politics & Dislomacy concentration). Prerequisites, PSCI 1330, 2300, or consent of instructor. Summer (on demand).

4610 INTERNSHIP IN PUBLIC ADMINISTRATION An elective for the PSCI major and minor (but not limited to majors and minors). This course provides a structured, supervised learning experience in a government or public-related agency. Prerequisite: Completion of major requirements. Fall, spring.

4199, 4299, 4399, 4499 STUDIES IN POLITICAL SCIENCE An elective for the PSCI major and minor (but not limited to majors and minors). Independent studie course in political science designed to meet the individual needs of a student. Credit from one to four hours may be earned in one semester. The work is chose by the student and his tutor with the approval of the department chair. Students may arrange more than one independent study, subject to college and university rules. Prerequisite: Consent of instructor and department chair. On demand.

Mathematics

Undergraduate Bulletin
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Return to Mathematics

[1] Courses in Mathematics (MATH)

1150 MATHEMATICS DISCOVERY SEMINAR The purpose of the seminar is to improve students' analytical thinking and problem-solving skills early in their mathematics careers by introducing the logical foundations of mathematics and by developing and implementing group and individual problem-solving strategies. Seminar format. Prerequisite: MATH 1390 or equivalent. On demand.

1191 MATHEMATICS SOFTWARE This course is an elective for a major in applied mathematics. As an introduction to computer algebra software, such as Mathematica, Derive, and other current software, this course provides students with basic computer skills for applications throughout the mathematics curriculu and prepares students who are enrolled in calculus or pre-calculus to use technology to enhance their understanding of mathematics. Laboratory. Prerequisite: MATH 1390 or equivalent. Recommended Corequisite: MATH 1591. On demand.

1360 QUANTITATIVE LITERACY This course satisfies the general education aims of the university through the study of topics in contemporary mathematics. Upon completion of the course, students will be able to apply principles of mathematics to real-world situations, create mathematical and statistical models of the situations, and utilize the models to solve problems. Lecture/demonstration format. Prerequisite: Math ACT of 19 or higher or C or better in UNIV 1340. Fal spring, summer.

1390 COLLEGE ALGEBRA This course satisfies the general education aims of the university by providing a solid foundation of algebraic concepts. The course includes the study of functions, relations, graphing, and problem solving, and provides a knowledge of how to apply these concepts to real problem situations. Lecture/demonstration format. Prerequisite: MATH ACT of 19 or higher or C or better in UNIV 1340. Fall, spring, summer.

1392 PLANE TRIGONOMETRY Coupled with College Algebra (MATH 1390), this course satisfies the prerequisites for Calculus I (MATH 1591) as an alternative t MATH 1580. Topics include angles and triangles and their measure, graphs and applications of trigonometric functions, and inverse trigonometric functions, vectors, polar coordinates, and complex numbers. Lecture/demonstration format. Prerequisite: MATH 1390 or equivalent. Fall, spring, summer.

1395 APPLIED CALCULUS FOR BUSINESS AND ECONOMICS As a component of the business foundation, this course is a requirement for all majors in the College of Business Administration. The course is an introduction to calculus involving algebraic, exponential, and logarithmic functions including quantitative methods and applications used in business, finance, and economics. Calculus topics include limits, derivatives, optimization, and marginal analysis in business and economics. Problem solving and calculator technology will be emphasized. Lecture/demonstration format. Prerequisite: MATH 1390 (C grade or higher) or equivalent. Fall, spring, summer.

1491 APPLIED CALCULUS FOR THE LIFE SCIENCES This course is a brief introduction to calculus and includes differentiation and integration of polynomial, exponential, and logarithmic functions, solutions of basic differential equations, and the application of these techniques to solve physical problems particularly the life sciences such as biology. Lecture/demonstration format. Prerequisite: MATH 1390 or equivalent. Fall, spring.

1580 ALGEBRA AND TRIGONOMETRY Designed for students who plan to study calculus, this course may be used to meet the general education requirement mathematics and includes the study of concepts of algebra and trigonometry essential to the study of calculus. Technology such as the graphics calculator is used extensively. Meets five days a week. Lecture/Activity Format. Not open to students who already have credit for MATH 1390 or MATH 1392. Prerequisite: Math ACT of 19 or higher or C or better in UNIV 1340. Fall, spring.

1591 CALCULUS I As a prerequisite for nearly all upper-division mathematics, this course is a requirement for majors and minors in mathematics and other majors in the natural sciences and engineering. The content includes the study of limits, continuity, derivatives, integrals, and their applications. Lecture and problem solving activities. Prerequisites: C or better in MATH 1390 and C or better in MATH 1392, or C or better in MATH 1580, or equivalent . Fall, spring.

1592 CALCULUS II This course is required of all majors or minors in mathematics, chemistry, or physics. Topics include applications of the definite integral, techniques of integration, infinite series, conics, parametric equations, polar coordinates, vectors, and vector functions. This course is a prerequisite for Calculu III and most of the upper division mathematics courses. Lecture format. Prerequisite: C or better in MATH 1591. Fall, spring.

2125, 2225, 2325 INDEPENDENT STUDY IN MATHEMATICS The student will independently study a mathematical topic with a faculty mentor. Course may be repeated. Prerequisites: MATH 1591 and consent of instructor. On demand.

2311 STATISTICAL METHODS I This course may be used to satisfy the statistics requirement in several degree programs. No credit can be awarded for more than one introductory statistics course. The course introduces the basics of descriptive statistics, probability theory, and statistical inference. The use of appropriate technology is emphasized. Lecture/Activity format. Prerequisite: MATH 1390 or equivalent. Fall, spring, summer.

2330 DISCRETE STRUCTURES I This course provides a mathematical foundation for applications in computer science and for the development of more advance mathematical concepts required for a major in computer science. Topics include sets, relations, functions, induction and recursion, graphs and digraphs, trees and languages, algebraic structures, groups, Boolean algebra, and finite state machines. Lecture and problem-solving activities. Prerequisite: CSCI 1470 and MATH 1491 or MATH 1591, or consent of instructor. Fall, spring.

2335 TRANSITION TO ADVANCED MATHEMATICS This course is an introduction to the language and methods of advanced mathematics. The student will lear the basic concepts of formal logic and its use in proving mathematical propositions. Specific topics that will be covered may vary depending upon the instructo but will include basic number theory and set theory. Prerequisite: MATH 1592. Fall, spring.

2371 CALCULUS III This course is a continuation of Calculus II and is required of all majors in mathematics, chemistry, and physics. Topics include vector value functions, partial differentiation, multiple integrals, Green's theorem, and Stokes' theorem. Lecture format. Prerequisite: C or better in MATH 1592. Fall, spring, summer.

2441 INTRODUCTION TO MATHEMATICAL COMPUTATION This course focuses on the process of translating a mathematical concept, formula or algorithm into a form that is appropriate for investigation via computational tools, including common mathematical software and programming languages. Topics will include applications of summations, iterative methods, recursion, polynomial approximations and trigonometric approximations. Lecture/Computer Lab format. Prerequisite: C or better in Math 1592. Fall.

3125, 3225, 3325 SPECIAL TOPICS IN MATHEMATICS This course is an elective lecture course that focuses on advanced topics in mathematics not covered in the current curriculum. Topics vary with instructors. Course may be repeated. Prerequisite: MATH 1592 and consent of instructor. On demand.

3311 STATISTICAL METHODS II This course is a further introduction to statistical data analysis, including multiple linear regression, experimental designs, and analysis of variance (ANOVA). Statistical computer software will be used. Prerequisite: MATH 2311 or equivalent and consent of instructor. On demand.

3320 LINEAR ALGEBRA This course is required for all majors in mathematics, physics, and computer science. This course introduces matrix algebra, vector spaces, linear transformations, and Eigenvalues. Optional topics include inner product spaces, solutions to systems of differential equations, and least squares. Lecture format. Prerequisite: MATH 1592 or 2330. Fall, spring, summer.

3330 DISCRETE STRUCTURES II This course in discrete mathematics is designed for mathematics and computer science majors. The topics include recursion, graph theory, matrices, algorithms, basics of formal languages and automata theory. Applications leading to the development of algorithms are emphasized. Lecture format. Prerequisite: MATH 2330 or MATH 2335. Spring.

3331 ORDINARY DIFFERENTIAL EQUATIONS This course is required for applied mathematics majors and is an elective for all other mathematics majors. Topic include linear and nonlinear first order equations, linear second order equations, the Cauchy-Euler equation, and systems of linear first order equations. Applications from the natural sciences and engineering are emphasized. Lecture/computer activities. Prerequisite: MATH 1592. Fall, spring.

3351 NUMBER SYSTEMS FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS This course is a professional development course required for elementary and middle level education majors. A primary goal is to organize mathematical knowledge of the real number system so that teacher candidates connect concepts to processes, learn models for mathematical ideas, and experience the construction of mathematics through problem solving. The primary method of delivery is through activities involving manipulatives and problem solving. MATH 3351 does not fulfill a Mathematics major, minor, or Bachelor of Science special degree requirement. Prerequisite: C or better in MATH 1390 or higher and intent to apply for admission to Teacher Education. Fall, spring, summer.

3354 CONCEPTS OF DISCRETE MATHEMATICS This course, required for middle level mathematics/science teacher candidates, is the study of modeling and solving problems involving sequential change and decision-making in finite settings. Topics include graph theory, number theory, recursion, counting methods optimization, probability, combinations, and algorithmic problem solving. The primary methods of delivery are discussion and activities. Prerequisite: MATH 139 (College Algebra) and MATH 3351 (Number Systems). Spring.

3360 INTRODUCTION TO ABSTRACT ALGEBRA I Required for majors in mathematics, this course is designed to introduce students to abstract mathematics ai provide a foundation for more advanced mathematics. Topics include sets, methods of proof, functions, binary operations, the integers, divisibility, binary relations and partitions, modular arithmetic, groups, subgroups, group homomorphisms, cyclic groups, and cosets. Lecture format. Prerequisite: MATH 2335. Fa

3362 INTRODUCTION TO ABSTRACT ALGEBRA II This course is required for majors in mathematics. Topics include cosets, normal subgroups, group actions, structure theorems for groups, p-groups, the Sylow theorems, rings, polynomials, roots of polynomials, Kronecker's method of factoring, fields and field extensions, and the automorphism group of a field extension. Lecture format. Prerequisite: MATH 3360. Spring.

3364 CONCEPTS OF GEOMETRY AND MEASUREMENT This course is designed for middle level teacher candidates that will use both hands-on and computer activities such as concrete geometric models, virtual manipulatives, and Geometer's Sketchpad software. Geometric reasoning and constructions will be emphasized using introductory proofs and computer explorations. This course will also connect geometry and measurement to other topics such as probability and algebra using geometric models and coordinate geometry. Delivery will include discussions, computer labs, and problem solving activities. Prerequisite:

3370 MATHEMATICS IN THE SECONDARY SCHOOLS This course is designed for secondary mathematics education majors and minors. The main goal is to review the mathematics curriculum currently taught in secondary schools and the corresponding curricular materials and instructional strategies. Class discussions, presentations, curriculum critiques, and the NCTM standards are central to the course. Prerequisite: Admission to Secondary Teacher Education or the intent to register for MATH 4301 in the subsequent semester. Spring.

4125, 4225, 4325 UNDERGRADUATE RESEARCH IN MATHEMATICS The student will engage in mathematical research under the supervision of a faculty ment Course may be repeated. Prerequisites: MATH 2371 and consent of instructor. On demand.

4301 SECONDARY MATHEMATICS METHODS This course is required for majors in mathematics education who plan to seek teacher licensure. Topics include innovative curricula for secondary mathematics topics, NCTM standards, planning and organization in the classroom, strategies, methods, materials, technology and other topics related to teaching and learning mathematics. Class discussions, presentations, and papers such as summaries and critiques are central to the course. Prerequisite: MATH 2371, 3370. Fall.

4305 APPLIED MATHEMATICS I This course is required for majors in applied mathematics and serves as an elective course for mathematics majors. The topics include ordinary and partial differential equations, Fourier series, and numerical analysis with modeling applications in physics, biology, and other sciences. Lectures, computer labs, and projects are central to the course. Prerequisite: MATH 3320, 3331. Fall.

4306 APPLIED MATHEMATICS II This course is required for majors in applied mathematics and serves as an elective course for mathematics majors. This project-oriented continuation of MATH 4305 applies differential equations and other methods to solve realistic problems from science, business, and industry. Lectures, computer labs, and projects. Prerequisite: MATH 4305. Spring.

4310 TOPICS IN MATHEMATICS FOR EARLY CHILDHOOD TEACHERS This course is a professional development course required for early childhood preservice teachers. Mathematical topics include geometry, probability, statistics, measurement, NCTM standards, and technology. Class discussions, presentations, article critiques, discovery and cooperative learning are central to the course. Prerequisite: C or better in MATH 3351 or equivalent. Fall, spring, summer.

4312 THE METRIC SYSTEM AND OTHER TOPICS FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS This course is a professional development course for elementary and middle school preservice teachers. Topics include converting in the metric system, measurement, geometry, and number systems. This activity-oriented course includes numerous hands-on materials for measuring and converting, presentations, article critiques, NCTM standards, and cooperative learnin Prerequisite: C or better in MATH 3351 or equivalent. On demand.

4315 INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS This course introduces techniques for solving first and second order linear partial differential equations. Topics include quasi-linear first order partial differential equations, and the method of characteristics, second order linear partial differential equations separation of variables of the heat equation, wave equations, and Laplace's equations. Applications include heat conduction, steady state temperature and vibrating strings and membranes. Lecture. Prerequisites: MATH 2371 and MATH 3331. Fall.

4316 FUNDAMENTALS OF APPLIED MATHEMATICS FOR FLUID MECHANICS AND GRANULAR MATERIALS This course is an introduction to applied mathematics in fluid mechanics and granular materials. It is an elective for all mathematics majors. Topics include dimensional analysis, perturbation methods f algebraic equations and differential equations, basic concepts and methods for fluid mechanics as well as granular materials. Prerequisite: MATH 4315. Spring.

4320 CONCEPTS OF CALCULUS This course is required for middle level teacher candidates in the mathematics/science track. The primary goal is to connect middle school mathematics content with advanced mathematics. Topics include the concepts of derivative, integral, Pick's Theorem, Monte Carlo method, rates change, and partitioning methods. In addition to the mathematics content, the course focuses on instructional methods, strategies, and connections to science topics. Delivery is mainly through discussion and problem solving activities. Prerequisite: MATH 3354 or MATH 3364. Fall.

4330 MATHEMATICAL MODELING IN BIOLOGY This elective course is an introduction to mathematical modeling and analysis in biology and life sciences. Topics include dynamic system theory, feedback control, enzyme kinetics, Michaelis-Menten equation, the Hodgkin-Huxley model, mathematical models for calcium dynamics and blood glucose regulation, numerical solutions and mathematical analysis of the models. A contemporary textbook, research papers on th subject, and MATLAB will be used. Primary methods of delivery are lecture, student presentations, and discussion. Prerequisite: C or better in MATH 3331. Fall.

4335 CONCEPTS OF ADVANCED MATHEMATICS This course is required in the middle level mathematics/science degree and is designed to demonstrate the connections among all the strands in the middle school curriculum and to develop the algebra and number strands through standards-based materials. The course emphasizes the middle level transition from arithmetic to algebraic thinking and formal reasoning. Standards-based activities and assessments, critiques and curriculum analysis are central to the course. Prerequisites: MATH 3354 or MATH 3364 and admission to Middle Level Teacher Education. Spring.

4340 NUMERICAL METHODS This course is a mathematics elective that introduces methods of numerical analysis with modern high speed computers. Topics include methods of solving nonlinear equations, linear and nonlinear systems, polynomial approximation, curve fitting, numerical differential equations, numerical optimization. Lecture and computer activities. Prerequisite: MATH 1592, 3320, and CSCI 1470 or equivalent knowledge of computer languages. Sprin

4345 COLLEGE GEOMETRY This course is required for majors in mathematics education who plan to seek teacher licensure. The course focuses on the

elementary theory in foundations of geometry, advanced Euclidean geometry, and introduces transformations and non-Euclidean geometries. Problem solving, discovery, computer activities, and lecture. Prerequisite: MATH 1591. Spring, summer.

4350 INTRODUCTION TO THE HISTORY OF MATHEMATICS This course is required for majors in mathematics education who plan to seek teacher licensure. The course traces the historical development of topics encountered in the secondary mathematics curriculum from the rise of civilization through the eighteenth century. The purpose of the course is to provide the prospective teacher with an understanding of the evolution of mathematical concepts and a pedagogical appreciation for the problems involved in the development of the concepts. Lecture, research, and discussion. Prerequisite: MATH 1592. Fall.

4360 TEACHING INTERNSHIP I This internship is required of secondary mathematics education majors. In the form of a one 8-hour day per week practicum, this course combines the study of discipline-specific teaching methods and materials with the study of secondary school curriculum. Candidates enroll in this internship concurrent with courses in methods, assessment, literacy, and the history of mathematics. Prerequisite: MATH 3370 and admission to Secondary Teacher Education. Required Corequisites: MATH 4301, 4350, MSIT 4320 and 4325.

4362 ADVANCED CALCULUS I This course is required for mathematics majors and serves a mathematics elective for applied mathematics majors. This rigorous theoretical treatment of calculus includes completeness, compactness, connectedness, sequences, continuity, differentiation, integration, and series. Lecture format and problem solving. Prerequisite: MATH 2371. Fall.

4363 ADVANCED CALCULUS II This course is an elective for mathematics and applied mathematics majors. This course is a multivariable treatment of Advance Calculus topics that include a rigorous study of partial differentiation, multiple integrals, Implicit Function Theorem, Fubini's Theorem, line integrals, and surfac integrals. Prerequisite: MATH 4362. Spring.

4371 INTRODUCTION TO PROBABILITY This course is required for all majors in mathematics, mathematics education, and applied mathematics. This calculus-based introduction to probability and the distributions and properties of several discrete random variables includes hypergeometric, geometric, binomial, negative binomial, Poisson, and the distributions and properties of several continuous random variables, including normal, gamma, uniform, chi-squared, t, and F. Lecture format. Prerequisite: MATH 1592. Fall.

4372 INTRODUCTION TO STATISTICAL INFERENCE This course is required for majors in applied mathematics and serves as an elective for majors in mathematics. This introduction to the theory of statistical inference includes sampling distributions, point and interval estimation, hypothesis testing, and linear models. Lecture and projects. Prerequisite: MATH 4371. Spring.

4373 APPLIED STATISTICS This course is an elective course for majors in mathematics and applied mathematics. This introduction to simple and multiple linea models and the analysis of variance (ANOVA) includes estimating the parameters of linear models and testing estimates. Students will learn basic designs of experiments and data analysis using ANOVA and examine applications in science, business, and industry. Lecture and projects. Prerequisite: MATH 4372. Fall.

4374 INTRODUCTION TO STOCHASTIC PROCESSES This course is an introduction to applied mathematics in stochastic processes, computer science, management science, the physical and social sciences, and operations research. It is an elective course for all mathematics majors. Topics include review of probability; conditional probabilities and conditional expectations. Markov chains, continuous-time Markov chains, renewal theory, queuing theory, reliability theory, Brownian motion and stationary processes. Prerequisite: MATH 4371 or consent of instructor. Fall.

4375 INTRODUCTION TO TOPOLOGY I This course is an elective for all mathematics majors and minors. This course is an introduction to the study of the properties of continuous functions, including applications to knots, surfaces, and function spaces. Lecture/seminar format. Prerequisite: Consent of instructor. O demand.

4380 SPECIAL PROBLEMS IN MATHEMATICS This course is an independent study or research project in a selected area of advanced mathematics. Prerequisite: Consent of instructor. Fall, summer.

4381 SPECIAL PROBLEMS IN MATHEMATICS This course is an independent study or research project in a selected area of advanced mathematics. Prerequisite: Consent of instructor. Spring, summer.

4385 COMPLEX ANALYSIS This course is an elective for majors and minors in mathematics. The content of the course includes the arithmetic and geometry of the complex numbers, extension of transcendental functions to the field of complex numbers, analytic function theory, contour integration, and the Cauchy Integral Theorem, series, calculus of residues, and harmonic functions. This course is fundamental to physics and engineering as well as an extensive source of problems in pure mathematics. Lecture and discussion. Prerequisite: MATH 2371. On demand.

4414 CONCEPTS OF MATHEMATICS AND SCIENCE This course is required for the middle level mathematics/science education majors. The primary goal is to provide preservice teachers with the opportunity to learn mathematics and science as integrated content and pedagogy. Candidates enroll in this course concurrent with the middle level Teaching Internship I. The primary method of delivery is through activities, problem solving, projects, and presentations. Prerequisite: MATH 3351 and SCI 3420 and admission to Middle Level Teacher Education. Required Corequisite: MSIT 4411. Fall.

4680 TEACHING INTERNSHIP II This course is designed for secondary preservice teachers. The primary goal is to provide teaching experience under supervisio

in a school setting. Full-day involvement at a school site and in seminars is required. Prerequisites: Admission to the Internship and completion of all professional education courses. Required Corequisite: MATH 4681. Spring.

4681 TEACHING INTERNSHIP II This course is designed for secondary preservice teachers. The primary goal is to provide teaching experience under supervisio Full-day involvement at a school site and in seminars is required. Prerequisites: Admission to the Internship and completion of all professional education courses. Required Corequisite: MATH 4680. Spring.

Geography

Return to Geography

[1] Courses in Geography (GEOG)

1300 GEOGRAPHY OF WORLD REGIONS In this course students will come to better understand the rapidly changing world through analyzing cultural and physical regions using traditional Western as well as non-Western and the evolving Developing World's theories. The course uses primarily electronic sources fo current data gathering and various types of geographic analysis, supported by lecture and discussion. This course may be taken to satisfy three hours of the behavioral and social science General Education requirement, but it may not count toward the 36-hour geography major or the 24-hour geography minor. Fall spring, summer.

1305 PRINCIPLES OF GEOGRAPHY This course uses a lecture and discussion format to provide an introduction to the basic conceptual and methodological principles of geography as an academic discipline for understanding the patterns of human societies and physical environments on the surface of the earth. Thi course may be taken to satisfy the behavioral and social science General Education elective, but it may not count toward the 36-hour geography major or the 24-hour geography minor. Fall, spring, summer.

1315 INTRODUCTION TO PHYSICAL GEOGRAPHY Required for majors and minors in geography, majors in environmental science, and minors in geographic information science. In a lecture and discussion format, this course is a topical assessment of the spatial diversity of the natural environment, including landforms, weather and climate, soils, vegetation, and water, along with their significance in terms of human occupation of the earth. Fall, spring.

1320 INTRODUCTION TO HUMAN GEOGRAPHY Required for majors and minors in geography and minors in geographic information science. In a lecture and discussion format, this course examines the spatial variability of human characteristics across the surface of the earth. Topics include the geography of culture, population, language, religion, settlement, agriculture, urbanization, and political activities. Fall, spring, summer.

2330 QUANTITATIVE METHODS IN GEOGRAPHY A required course for geography majors and students enrolled in the Geographic Information Science minor. This course uses a lecture and discussion format to provide information about description, inferential, and relational statistics as these techniques are employed in spatial analysis; also included is that set of quantitative methods used in conjunction with map analysis termed spatial statistics. Spring.

2345 GEOGRAPHIC INFORMATION TECHNIQUES A lower-division elective. The course, via lectures, class discussions, and laboratory exercises, enhances students' knowledge and understanding of geography, geographic information, and the various techniques geographers employ as they collect, store, manage, analyze, and display geographic data or information. On demand.

2375 CARTOGRAPHY Required of geography majors and minors and those students minoring in geographic information science. Cartography today revolves around the study of the theory, science, and technology behind the production of maps and spatial databases. This computer lab-oriented, exercised-based course instructs students on cartograhic design and convention, the construction of reference and thematic maps using mapping software, and the collection an classification of geographic data for mapping. Fall, spring, summer on demand.

3300 WORLD REGIONAL GEOGRAPHY A required course for geography majors and minors. A lecture and discussion-oriented course that focuses on the physical and cultural geography of Earth's major regions: U.S.A. and Canada, Latin America, Europe, Russia and the Near Abroad, Middle East and North Africa, Africa South of the Sahara, Monsoon Asia, and the Pacific World. Prerequisite: None. Fall, spring.

3301 CONSERVATION OF NATURAL RESOURCES Required for environmental science majors, an elective for others. This course uses a lecture and discussion format in an assessment of the physical, social, economic, and political considerations in the examination of major global natural resource issues with emphasi on the United States. The historical development and contemporary application of the conservation philosophy of resource use are discussed. Fall.

3302 ARID LANDS GEOGRAPHY An upper-division elective. This course employs a lecture and discussion format, supplemented by outside readings and research, to explore physical and cultural environments in arid and semi-arid lands and to develop strategies pertinent to planning for the future. Prerequisite: GEOG 1315 or consent of instructor. On demand.

3303 GEOGRAPHIC INFORMATION SYSTEMS An upper-division elective and a requirement for geography majors and minors in geographic information scienc This computer lab-oriented course introduces the student to the realm, principles, and capabilities of a widely applicable technology, geographic information systems (GIS). A short lecture and lab exercise format are employed to develop understanding of and practically apply the fundamental concepts of GIS. Emphas is placed on life-based applications of GIS technology; a simple research project is required. Prerequisite: GEOG 2375 or consent of instructor. Fall, spring, summer on demand.

3305 ECONOMIC GEOGRAPHY An upper-division elective. The course uses lectures and class discussions to provide a description and explanation of m a spatial patterns of economic activities, including manufacturing, transportation, information and financial services, and consumption. Classical location theories of Von Thunen, Weber, and Christaller are included along with contemporary theories of globalization. Spring, odd years.

3306 REMOTE SENSING AND IMAGE INTERPRETATION An upper-division elective and a requirement for geographic information science minors. The course introduces the student to the principles of remote sensing, including the study of photographic and non-photographic techniques, the principles of acquiring an interpreting airphoto and satellite imagery, digital image processing, and the relationship between remote sensing and geographic information systems. Emphasis is placed on new achievements in space technology and on practical application of innovative remote sensing-based methods through lab exercises and student term projects. Fall.

3307 GIS IN PRACTICE: BUSINESS AND SOCIAL SCIENCE APPLICATIONS An upper-division, lecture- and exercise-based elective designed for students interested in the variety of business and social science applications of GIS, such as site analysis, marketing analysis, sales management, crime analysis, urban planning, and historic preservation. The course examines example applications and enables students to use GIS software to complete computer-based exercises and for project development. Vector GIS is emphasized. Prerequisite: GEOG 3303. Spring.

3309 GIS IN PRACTICE: ENVIRONMENTAL APPLICATIONS An upper-division, exercise-based elective designed for students interested in the variety of environmental applications of GIS. Topics such as human impact on the landscape, environmental hazards, endangered species habitat inventory and protection and point and non-point pollutant sources will be addressed in short lectures and example applications. The student will use GIS software to complete directed exercises, as well as for development of an individual project. Raster GIS is emphasized. Prerequisite: GEOG 3303. Fall.

3315 GEOGRAPHY OF LATIN AMERICA An upper-division elective and required for Latin American studies minors. Using a lecture and discussion format, an examination and comparison of the various nations that comprise Latin America is achieved. Emphasis is on the physical environment, social and economic development, and historical trends that affect the region's evolution. Prerequisite: GEOG 2362 or consent of instructor. Spring, even years.

3318 BIOGEOGRAPHY This course offers a broad introduction to the field of biogeography, exploring key concepts, theories, and practices employed by biogeographers. Past and present distribution of plants and animals will be described through systematic and integrative studies, and factors of location includi geographical, environmental, and historical, will be discussed. The course consists of lecture and discussion. Prerequisite: GEOG 1315. Spring, odd years.

3320 FIELD STUDIES An upper-division elective for students interested in receiving credit while: (1) conducting field work in the United States or foreign area, and/or (2) studying in a foreign area. Typically students keep journals and write papers about their experiences. Prerequisite: GEOG 1315 or 1320 and consent instructor. On demand.

3325 URBAN AND REGIONAL PLANNING An upper-division elective. Using a lecture and discussion format, a macrospatial analysis of planning techniques and case studies as evolving in the US is emphasized. Rapidly changing trends, philosophies, and techniques in the planning field are combined to better understand the locational decisions impacting transportation and urban growth. Fall, odd years.

3333 GEOGRAPHY OF NATURAL HAZARDS An upper-division elective. This course uses a lecture and discussion format in identifying geomorphic and atmospheric phenomena (e.g., floods, tornadoes, hurricanes, earthquakes) that represent real hazards to the population. Human responses to the various natur hazards are assessed and common adjustments identified. Prerequisite: GEOG 1315 or consent of instructor. Spring, even years.

3335 GEOGRAPHY OF EUROPE AND RUSSIA An upper-division elective using a lecture and discussion format. Students will learn about the physical and huma geography of Europe and the Russian Federation. Emphasis is on landforms, weather and climate, soils, vegetation, settlement, migration and expansion, agriculture, industry, urban and rural life, and politics. Prerequisite: GEOG 2361 or consent of instructor. Spring, odd years.

3345 GEOGRAPHY OF CHINA AND EAST ASIA An upper-division elective for Geography, Asian Studies, or other students. Using a lecture, discussion, and Internet/technology format, an examination and comparison of the various nations that comprise Pacific Asia is achieved. Regional emphasis will be centered o China, Japan, North and South Korea, and the states of Southeast Asia. Topical emphasis is on the physical environment, resources, social and economic development, historical trends, and participation in today's globalizing world. Spring, odd years.

3346 GEOGRAPHY OF SOUTH ASIA An upper division elective. This course is intended to be interactive and discussion oriented involving student's participation. Lectures, discussion, and video films will enable students to understand the issues, challenges, and diversity in the region. This course is a 'Journ to South Asia,' exploring, from a geographic perspective, the burning issues, and understanding the economic and social transformations which the region is presently undergoing as it emerges as an economic leader. Prerequisites: None. On demand.

3351 WEATHER AND CLIMATE An upper-division elective. This course uses a lecture and discussion format in the identification and assessment of atmospher processes. Weather variables are investigated, the components and procedures of the daily weather forecasts are described, and the world's climates analyzed. Fall.

3361 GEOGRAPHY OF LANDFORMS An upper-division elective. Using a lecture and laboratory format, this course examines the landforms of the earth's surfac including those resulting from diastrophism, volcanism, plate tectonics, weathering, mass movement, running water, karst, glacial ice, periglacial environments, wind, and breaking waves. Prerequisite: GEOG 1315 or consent of instructor. Spring, even years.

3371 URBAN GEOGRAPHY An upper-division elective. Using a lecture and discussion format, this course analyzes the various aspects of the distribution of urban settlements, the internal structure of urban areas, and an analysis of the growth, development, and problems of the American city. Spring, odd years.

3380 GEOGRAPHY OF ARKANSAS An upper-division elective. The course, through lectures and class discussions, examines the physical and human geography of the state of Arkansas. Topics include landforms, weather, climate, settlement, poverty, politics, agriculture, and lumbering, among others. Fall, even years, summer on demand.

3381 POLITICAL GEOGRAPHY An upper-division elective. Using a lecture and discussion format, the spatial perspective of political phenomena is analyzed. Traditional topics include the coincidence of state and nation, boundaries, claims to territory, and state location, shape, and size. Contemporary topics include political processes and territory, integration, location, residential quality, economic factors, and local policy in metropolitan areas. Prerequisite: GEOG 1320 or consent of instructor. Spring, even years.

3385 GLOBAL FOOD RESOURCES An upper-division elective. A worldwide study of past and present patterns of food production, consumption, and problems, using a lecture, discussion, and visual presentations format. Specific environmental conditions and cultural complexes which significantly influence food production and diet are examined. On demand.

3399, 3699 INTERNSHIP IN GEOGRAPHY An elective for geography majors and minors. A structured, supervised, work experience in an academic format. The student is assigned to a specific agency and completes a minimum of 150 hours during the semester enrolled. This course is normally taken for 3 credit hours but can be taken for 6 credit hours if the job assignment requires additional time. Agency assignment and credit hours will be determined through student consultation with the geography program internship director. Prerequisite: 15 semester hours in geography and permission of program internship director. Fall spring, summer.

4304 WATER RESOURCES An upper-division elective. This course uses a lecture and discussion format to provide detail on the occurrence, distribution, and movement of water on and beneath the earth's surface and the integration of water into human activities, e.g., flooding, drainage, irrigation, power, navigation, water supplies, and water pollution. Prerequisite: GEOG 1315 or consent of instructor. Fall, even years.

4305 SOILS An upper-division elective, this course introduces the soil environment, including soil properties and components, soil controls, soil-forming processes, soil classification, conservation and management, and use of the soil survey. This course uses a lecture format combined with field study to acquain students with the nature and characteristics of soils. Prerequisite: GEOG 1315 or consent of instructor. Spring, odd years.

4308 OCEANOGRAPHY An upper-division elective. Employing a lecture/discussion/visual presentations format, this course is an introduction to oceanic environments, distribution, ocean basin topography, physical and biological characteristics, marine climate, currents, ecology, and politics. Emphasis is on the oceanic physical environment and natural resources. Prerequisite: GEOG 1315 or consent of instructor. Spring, even years.

4313 RECREATION AND TOURISM An upper-division elective. This course uses a lecture and discussion format in the analysis of the physical, economic, and social aspects of outdoor recreation and tourism. Emphasis is on outdoor recreation activity and tourism in the United States and Arkansas. Fall, even years.

4325 PERSPECTIVES ON HUMAN GEOGRAPHY An upper-division elective. A seminar-oriented, discussion-based course, which analyzes significant trends of thought that have emerged in human geography since 1945. Prerequisite: GEOG 1320. On demand.

4330 GEOGRAPHIC INFORMATION ANALYSIS An upper-division elective and a requirement for geographic information science minors. This is an advanced-level course in GIS. It provides an understanding of analysis in GIS environment, knowledge of GIS design and implementation, an insight into spatial variability and geostatistics, and an experience in error propagation analysis within GIS. Emphasis of lectures and practical lab exercises is placed on problem-solving GIS techniques such as layering, networking, buffering, and querying. Environmental modeling and decision support system creation in real-life research projects executed by students is also an objective of this course. Prerequisites: GEOG 2375 and 3303 or consent of instructor. Fall.

4390 HISTORICAL GEOGRAPHY OF THE UNITED STATES An upper-division elective. The course uses a lecture and discussion format to gain a comprehensive understanding of the evolving human geography of the United States during the past four centuries. Fall, even years.

4391 RESEARCH SEMINAR Required for geography majors. This course uses a seminar format to introduce the student to scientific research methods and quantitative techniques with emphasis on geographic research. These methods and techniques are used to initiate investigation into a contemporary student-identified geographic problem and to develop a formal research proposal. Prerequisite: Junior status, 15 semester hours of geography, and a course in quantitative methods with a passing grade. Fall.

4160, 4260, 4360 SPECIAL PROBLEMS IN GEOGRAPHY An elective for geography majors and minors. Independent readings, discussions, and writings are completed in specific areas of geography that are of particular interest to the student. Credit from one to three semester hours may be earned in one semester May be repeated for a total of six hours, but only three hours may be applied toward the major. Prerequisite: 12 semester hours in geography and consent of instructor. Fall, spring, summer.

Studio Art

Return to Art

1301 INTRODUCTION TO ART Non-major elective. Beginning studio work in two- and three-dimensional art. Recommended for the undeclared major as an introduction to creative studio experience. Studio. May not be credited toward a major or minor in art. On demand.

1310 2-D DESIGN Foundation course for majors and minors. Fundamentals of two-dimensional design. Studio. Fall, spring, summer.

1321 DRAWING I Foundation course for majors and minors. Drawing techniques and media. Studio. Fall, spring, summer.

2140 PORTFOLIO ASSESSMENT I Area studies course for majors only. Sophomore Major Advancement Interview. Seminar. Graded on a CR/NC basis. Prerequisites: ART 1310, 1321, 2312, 2322, 3 hours from 2325, 2335, 2336. Fall.

2312 3-D DESIGN Foundation course for majors and minors. Fundamentals of three-dimensional design. Studio. Fall, spring.

2322 DRAWING II, LIFE Foundation course for majors and minors. Studies of the figure in various media. Studio. Fall, spring.

3140 PORTFOLIO ASSESSMENT II Area studies course for majors only. Progress review and degree candidacy. Issues of health and safety in art and career development. Seminar. Graded on a CR/NC basis. Prerequisite: ART 2140. Spring.

3150 BFA FOLIO BFA degree majors only. Introduction to exhibiting work in the professional art field. Prerequisite: Acceptance to the BFA program. Seminar. Fall, spring.

3315 CONTEMPORARY MEDIA IN 3-D An elective in the art program designed for art majors and minors. Investigation and use of contemporary materials and concepts in the development of three-dimensional forms. Studio. Prerequisites: ART 2140, 3 hours 3000-level studio. Spring.

3318 PHOTOGRAPHY I Area studies course for majors and minors. Introduction to the use of the camera, darkroom, film, and processing. Prerequisites: ART 1310 and 3 hours drawing. Fall, spring.

3320 PHOTOGRAPHY II Major/minor course in an art degree program emphasis. Advanced technique with emphasis on photographic practice as an art medium. Studio. Prerequisite: ART 3318. Spring.

3321 DIGITAL PHOTOGRAPHY This is a required course for the BFA in Studio Art: Photography Emphasis and an elective for all other Art majors and minors. Introduction to the basic concepts of digital photography. This course will present to students the tools and techniques of photographic imaging and manipulation using Adobe Photoshop in a Macintosh platform. Digital input from digital cameras and scanning (flatbed and negative) as well as output to digital printing will be covered. Prerequisites: ART 1310, ART 1321, and ART 3318. Fall.

3324 DRAWING III, ADVANCED LIFE DRAWING Area studies course required of all art majors. An in-depth study of the figure with emphasis on expressive interpretations of the undraped form. Studio. Prerequisites: ART 1310, 1321 and 2322. Spring.

3325 COLOR An elective in the art program designed for art majors and minors. The physical, psychological, and design properties of color; emphasis on color in nature, with applications in art, science, and industry. Studio. Prerequisite: Completion of at least one upper-division level I studio course. Spring.

3330 ILLUSTRATION I Area studies course for majors and minors. Procedures, materials, and methods of illustration. Various media and conceptual approaches. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3331 ILLUSTRATION II Major/minor course in an art degree program emphasis. Creation of images inspired by the written word. Studio. Prerequisite: ART 3331. Spring.

3332 PAINTING I Area studies course for majors and minors. Problems involving composition and color using various painting techniques and supports. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3333 PAINTING II Major/minor course in an art degree program emphasis. Problems involving composition and color. Studio. Prerequisites: ART 2140, 3332. Spring.

3334 WATERCOLOR I Area studies course for majors and minors. Beginning transparent and opaque watercolor painting with emphasis on the transparent. Studies in visual composition. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3339 WATERCOLOR II Major/minor course in an art degree program emphasis. Advanced transparent and opaque watercolor painting. Studio. Prerequisite: ART 3334. Spring.

3343 PRINTMAKING I Area studies course for majors and minors. Techniques of printmaking in intaglio, relief, and the lithographic processes. Studio.

Prerequisites: ART 1310 and 3 hours drawing. Spring.

3344 PRINTMAKING II Major/minor course in an art degree program emphasis. Advanced techniques in etching, lithography, screen printing, relief, and multi-plate color printing. Studio. Prerequisite: ART 3343. Fall.

3350 FIBERS An elective in the art program designed for majors and minors. Traditional fiber construction methods using traditional and contemporary media. Studio. Prerequisites: ART 2312 and 3 hours drawing. Spring, even years.

3353 GRAPHIC DESIGN I Area studies course for majors and minors. Introduction to graphic design. Two- and three-dimensional assignments to provide an overview of the graphic design field. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3354 GRAPHIC DESIGN II Major/minor course in an art degree program emphasis. Using typography as an effective element in visual communication. Studio. Prerequisite: ART 3353. Spring.

3361 SCULPTURE I Area studies course for majors and minors. Techniques and materials of three-dimensional art. Studio. Prerequisites: ART 2312 and 3 hour drawing. Fall.

3362 SCULPTURE II Major/minor course in an art degree program emphasis. Principles and concepts of three-dimensional form; investigation of structural problems in advanced media. Studio. Prerequisite: ART 3361. Spring.

3379 CERAMICS I Area studies course for majors and minors. Introduction to clay construction and surface treatment, utilizing hand building techniques, basic slip and glaze formulation and electric kiln firing. Studio. Prerequisites: ART 2312 and 3 hours drawing. Fall, spring.

3380 SLIP CASTING & GLAZE FORMULATION This is a required course for the BFA in Studio Art: Ceramics Emphasis and an elective for all other Art majors an minors. This course is an introduction to the processes of mold making and slip casting. Glaze calculation and formulation will also be covered. Studio. Prerequisite: ART 3379. Fall.

3390 CERAMICS II Major/minor course in an art degree program emphasis. Introduction to the potters wheel as a tool for functional and sculptural clay construction. Beginning glaze chemistry formulation, gas kiln firing, and beginning mold making techniques. Studio. Prerequisite: ART 3379. Spring.

4140 PORTFOLIO ASSESSMENT III BA degree art majors only. Senior project. Exhibit and comprehensive review. Seminar. Graded on a CR/NC basis. Prerequisi ART 3140. Fall, spring.

4150 BFA PROFESSIONAL ORIENTATION BFA degree majors only. Preparation for entry into the community of artists and artist-teachers as a graduate studen or career professional. Seminar. Prerequisite: Departmental approval. Fall, spring.

4160 BFA EXHIBIT BFA degree majors only. Exhibit and comprehensive review. Seminar. Prerequisite: Departmental approval. Fall, spring.

4300 BFA STUDIO PRACTICUM Required course for BFA degree majors only. Individual instruction in selected topics, providing an opportunity to produce a series of works that explore a creative artistic vision. Studio. Prerequisite: Written proposal and departmental approval semester prior to enrollment. Fall, spring

4301 BFA STUDIO PRACTICUM Required course for BFA degree majors only. Individual instruction in selected topics, providing an opportunity to produce a series of works that explore a creative artistic vision. Studio. Prerequisite: ART 4300. Fall, spring.

4325 DRAWING IV, EXPERIMENTAL Course required of all BFA degree majors. Experimental drawing using a variety of media with emphasis on developing personal styles of expression. Studio. Prerequisites: ART 2140, 3324. Fall.

4328 GRAPHIC DESIGN III Major/minor course in an art degree program emphasis. Development of single and multiple-piece assignments based on actual client needs. Studio. Prerequisites: ART 2140, 3353, 3354 with grades of B or above and permission. Fall.

4335 GRAPHIC DESIGN IV Major course in a BFA degree emphasis. Professional portfolio and personal r ©sum ©. Studio. Prerequisites: ART 3353, 3354, 432 and permission. Spring.

4388 ADVANCED STUDIO Major/minor course in an art degree program emphasis. Developing additional competence in special areas. May be repeated for credit. Studio. Prerequisites: ART 2140, 6 hours in one studio area, and faculty permission. Fall, spring.

4171, 4271, 4371 DIRECTED STUDIO PROBLEM Studio course in an art degree program emphasis for majors only. Specific art media or topics on current issues and problems in art. Studio. Prerequisites: 3 hours ART 4388, written proposal and departmental approval semester prior to enrollment. Fall, spring. (* NOTE: A maximum of 6 hours of variable credit courses in art may be applied to the BA degree, 12 hours to the BFA degree.)

4375, 4675 ART INTERNSHIP Required course in the BFA degree. Available to majors only. Supervised, practical experience in art. Internship. Prerequisites: Written proposal and departmental approval semester prior to enrollment. Fall, spring, summer. (* NOTE: A maximum of 6 hours of variable credit courses in ar may be applied to the BA degree, 12 hours to the BFA degree.)

English

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Return to English

[1] Courses in English (ENGL)

1350 INTRODUCTION TO LITERATURE A writing-intensive course exposing students to the college-level study of literature. Exposes students to the development, forms, and techniques of poetry, fiction, and drama. Attention is paid to the writing of analytical, interpretive, and research papers. The course satisfies the humanities requirement in the general education program. Lecture, discussion, writing. Prerequisites: None. Fall, spring, summer.

1355 FILM AND LITERATURE Satisfies the humanities requirement in the general education program. This course is intended to give students access to literature through a medium-film-with which they are more familiar and comfortable. This course will compare written and cinematic narrative forms by considering classic and modern literary texts through the medium of film. Lecture, discussion, writing. Prerequisites: None. Fall, spring.

2305 WORLD LITERATURE I Satisfies three hours of the world cultural traditions requirement in the general education program. The purpose of World Literatur I is to introduce the student to a variety of literary texts which have greatly influenced culture around the world. Readings are chosen from the epic, dramatic, poetic, and speculative traditions of several nations and cultures from ancient times up to the Renaissance. Lecture, discussion, writing. Prerequisites: None. Fal spring, one summer term.

2306 WORLD LITERATURE II Satisfies three hours of the world cultural traditions requirement in the general education program. The purpose of World Literatu II is to introduce the student to some of the literary works which embody and consider the values, ideas, and beliefs that have helped make the modern world. Readings are chosen from several national traditions of the seventeenth through the twentieth centuries. Lecture, discussion, writing. Prerequisites: None. Fall, spring, one summer term.

2312 AMERICAN LITERATURE I A basic course requirement for majors and minors and, in series with American Literature II, a charting of the major forms and styles of American literature. The course traces the development of major figures in American Colonial and Provincial literature (such as Mather, Brockden Brown Franklin) to leading figures of the American Renaissance (such as Hawthorne, Melville, Poe, Emerson, and Thoreau). Lecture, discussion, writing. Prerequisites: None. Fall, spring.

2313 AMERICAN LITERATURE II A basic course requirement for majors and minors and, in series with American Literature I, a charting of the major forms and styles of American literature. The course traces the development of major figures in post-Civil War American Literature (such as Twain, James, and Crane) to major American writers between the first and second world war (such as Hemingway, Stevens, Frost, and Faulkner). Lecture, discussion, writing. Prerequisites: None. Fall, spring.

2316 ENGLISH LITERATURE I This course for English majors and minors offers a foundational survey of English literature from the Anglo-Saxon period through the Renaissance. Conducted as a lecture/discussion class, it will pay attention to the social, political, and historical matrix within which the literature developed. Prerequisites: None. Fall and spring.

2317 ENGLISH LITERATURE II This course for English majors and minors offers a foundational survey of English literature from the Neoclassical and Romantic periods. Conducted as a lecture/discussion class, it will pay attention to the social, political, and historical matrix within which the literature developed. Prerequisites: None. Fall, spring.

2318 ENGLISH LITERATURE III This course for English majors and minors offers a foundational survey of English literature from the Victorian and Modern periods. Conducted as a lecture/discussion class, it will pay attention to the social, political, and historical matrix within which the literature developed. Prerequisites: None. Fall, spring.

2370 INTRODUCTION TO FICTION Satisfies the humanities requirement in the general education program. The purpose of Introduction to Fiction is to introduc students to the art and significance of short fiction: usually, short stories, novellas, and, sometimes, short novels. Students will learn to read stories carefully an analytically and be encouraged to see the way stories both reflect and enhance our understanding of life. Lecture, discussion, writing. Fall, spring.

2380 INTRODUCTION TO POETRY Satisfies the humanities requirement in the general education program. Exposes the student to the development, forms, and techniques of poetry. Some attention is paid to prosodical, musical, and metrical effects. Lecture, discussion, writing. Fall, spring.

2390 INTRODUCTION TO DRAMA Satisfies the humanities requirement in the general education program. The course is a historical overview of the developme of drama from Greek tragedy and comedy to the flowering of Renaissance drama with Shakespeare. Students will study dramas of the eighteenth through the twentieth centuries as well. This course views drama as a genre: an evolving art form dependent on audience and social environment for interpretation. Lecture discussion, writing. Fall, spring.

3105 RESEARCH METHODS WORKSHOP Required course for English majors and minors. This course is designed to introduce students to the use of research in writing papers for literature courses. Students will use techniques and protocols learned in the course to complete a research assignment drawn from a concurrent upper-division course. This course must be taken in conjunction with the student's first upper-division course(s) in English. Lecture, discussion, writing. Fall, spring.

3310 CHILDREN'S LITERATURE Part of the academic content block required of elementary and early childhood education majors. The course introduces the teacher education candidate to a wide range of books for children from birth through grade four and to criteria essential to evaluating and selecting good literature. Lecture, discussion, writing. The course may not be counted toward the English major or minor. Prerequisite: Admission to teacher education. Fall, Spring.

3312 MODERN GRAMMARS Introduction to the science of linguistics, its terminology, its methods, and its relation to the study of English. Structural and transformational-generative approaches. Some particular problems related to style and usage. Lecture, discussion, writing. Prerequisites: None. Fall, spring.

3315 GENDER AND LANGUAGE An overview of the sociolinguistics of language and its relationships to gender. The course develops awareness of language as system of rules, codes, and prescribed attitudes to gender roles. Lecture, discussion, writing. Prerequisites: None. On demand.

3320 LITERATURE FOR THE MIDDLE GRADES Part of the academic content block required for language arts/social studies licensure for middle-school education. The course introduces the teacher- education candidate to a wide range of literature for children from grades four through eight and to criteria essential to evaluating and selecting good literature for middle-school readers. Lecture, discussion, writing. The course may not be counted toward the English major or minor. Prerequisite: Admission to teacher education. Fall.

3325 ADVANCED READINGS IN WORLD LITERATURE Selected topics to include specific writers, historical periods, literary/social movements, cultural expressions in any area of world literature from classical authors to postmodern figures. Lecture, discussion. On demand.

3335 LANGUAGE AND GRAMMAR STUDIES This course examines specific topics and problems of English grammar, structure, and usage in order to provide an understanding and command of language that will lead to effective and creative classroom teaching of English and language arts. The course emphasizes the study of grammar in context to afford greater facility in approaching and analyzing texts. Lecture, discussion, writing. Prerequisites: None. Fall.

3375 INTERNSHIP IN ENGLISH For English majors and minors to fulfill upper-division elective requirement. This course facillitates an internship with a corpora business, non-profit agency, or other professional organization. Each internship is tailored to the unique needs of the employer and the specific skills of the student. Possibilities for English internships include the following related fields: journalism, technical writing, editing, education, research, law, dramaturgy, business communication, and administration. Internships require 120-150 hours of work with the employer for 3 hours of upper-division elective credit. Prerequisite: junior or senior standing. Fall, spring, summer.

4300 READINGS FOR HONORS DEGREE Tutorial taken in the junior year by students who elect to study toward an honors degree in English. A reading list, chosen by student and tutor with the department chair's approval, will provide the foundation for a thesis to be written by the honors candidate during the sen year. Prerequisite: Consent of instructor and chair. Spring.

4301 THE RENAISSANCE For English majors and minors to fulfill period requirements. The course studies the development of Christian humanism and the influence of the Reformation upon such major non-dramatic writers of Tudor England as More, Wyatt, Sidney, Spenser and Marlowe. Lecture, discussion, writing Prerequisite: ENGL 2316. On demand

4304 STUDIES IN ENGLISH AND AMERICAN LITERATURE For English majors and minors to fulfill period, genre, figure, or upper-division elective requirement The course involves concentrated study of different special topics on groups of writers, literary movements, sub-genres, philosophical and critical consideration historical and social interpretations of English and American literature. The course may be taken only one time without approval of the departmental chair. Lecture, discussion, writing. On demand.

4305 MEDIEVAL ENGLISH LITERATURE For English majors to satisfy upper-division period requirements. The course offers an overview of English medieval literature (exclusive of Chaucer). Anglo-Saxon and some Middle English texts will be taught in translation, but Middle English will be retained whenever possibl Lecture, discussion, writing. Prerequisite: ENGL 2316. On demand.

4311 THE NEO-CLASSICAL PERIOD For English majors and minors to satisfy upper-division period requirements. The course covers major writers from the Restoration to the end of the eighteenth century, generally focusing on writers such as Dryden, Swift, Pope, Johnson, and Boswell. Lecture, discussion, writing. Prerequisite: ENGL 2317. On demand.

4312 AMERICAN PROVINCIAL LITERATURE For English majors and minors to satisfy upper-division period requirements. The course includes American literature from its beginnings to 1830, generally focusing on writers such as Bradstreet, Taylor, Mather, Edwards, Franklin, Wheatley, Brockden Brown, Irving, an Cooper. The course identifies the major strains of English puritanism, European gothic writing, political pamphleteering, Native American storytelling, colonial and pre-colonial writing that form American literature to 1830. The European, provincial, feminine, and political visions that constitute various national voices

are analyzed for ideology and content. Lecture, discussion, writing. Prerequisite: ENGL 2312. On demand.

4313 AMERICAN ROMANTICISM AND REALISM For English majors and minors to satisfy upper-division period requirements. Students will read major works in American Romanticism and Realism, 1830-1900, generally focusing on writing by Hawthorne, Thoreau, Poe, Howells, Crane, James, Twain, and Wharton. Lectur discussion, writing. Prerequisite: ENGL 2313. On demand.

4314 AMERICAN FICTION SINCE 1900 For English majors and minors to fulfill upper-division genre or elective requirements. Explores developments in the aesthetics of American fiction since 1900, and the relation of that fiction to contemporary American life and history. Readings may include both novels and sho fiction. Lecture, discussion, writing. Prerequisite: ENGL 2313. On demand.

4315 TWENTIETH-CENTURY AMERICAN POETRY For English majors and minors to satisfy upper-division genre or elective requirements. The course focuses American poetry of the twentieth century by such writers as Frost, Pound, Williams, Stevens, Hughes, Lowell, Bishop. Lecture, discussion, writing. Prerequisite: ENGL 2313. On demand.

4320 THE ROMANTIC PERIOD For English majors and minors to satisfy upper-division period requirements. Readings will focus on major Romantic writers of prose and poetry generally treating such writers as on Blake, Wordsworth, Scott, Coleridge, Lamb, Byron, Shelley, Keats, Landor, and Hazlitt. Lecture, discussion writing. Prerequisite: ENGL 2317. On demand.

4321 THE VICTORIAN PERIOD For English majors and minors to satisfy upper-division period requirements. Readings will include poetry and prose of major English writers from the 1830s to the end of the century, generally focusing on writers such as Browning, Tennyson, Ruskin, Carlyle, and Arnold. Lecture, discussion, writing. Prerequiste: ENGL 2318. On demand.

4330 SHAKESPEARE I For English majors and minors to satisfy upper-division figure and genre requirements. The course can be taken in series with Shakespeare II. It includes historical, linguistic, and critical study of representative comedies, tragedies, and history plays. The course examines a wide variety of approaches to Shakespeare's texts including performative analysis, historical interpretations, psychological and cultural readings of the plays. Lecture, discussio writing. Prerequisite: ENGL 2316. On demand.

4331 SHAKESPEARE II For English majors and minors to satisfy figure and genre requirements. The course can be taken in series with Shakespeare I (see 4330 Shakespeare I). Lecture, discussion, writing. Prerequisite: ENGL 2316. On demand.

4335 SENIOR SEMINAR Required capstone course for English majors in their senior year that may also satisfy upper-division genre or elective requirements. Others may enroll with permission of instructor. This variable-topics course crosses cultural, period, or genre lines. Students assemble a portfolio that demonstrates mastery of the course topic and reflection on the progress and culmination of their undergraduate literary studies. Lecture, discussion, writing. Fa spring.

4340 CHAUCER For English majors and minors to satisfy upper-division figure requirement. The course includes Chaucer's major works, the Parliament of Fow and The Canterbury Tales, viewed against the background of medieval life and thought. It examines Chaucer's writings from perspectives of Chaucer's depiction of women, Chaucer's sources, and Chaucer as Christian moralist, as allegorist, as fable writer, as humorist. Lecture, discussion, writing. Prerequisite: ENGL 2316 On demand.

4341 MILTON For English majors and minors to satisfy figure requirements. Students will study Milton's major poems and selected prose including Paradise Los and Comus, Samson Agonistes, and Areopagitica viewed against the background of seventeenth-century life and thought. Close attention will be given to Milton's life, political and pamphlet writing, learning, and sources, set against changing religious and social forces in seventeenth-century England. Lecture, discussion, writing. Prerequisite: ENGL 2316. On demand.

4342 THE SEVENTEENTH CENTURY For English majors and minors to satisfy period and genre requirements. The course covers non-dramatic writings from 1603 to 1660, excluding Milton, and generally focusing on Donne and the devotional poets, Jonson and the Cavalier poets, and such prose writers as Bacon, Browne and Burton. Lecture, discussion, writing. Prerequisite: ENGL 2316. On demand.

4343 TUDOR-STUART DRAMA (EXCLUDING SHAKESPEARE) For English majors and minors to satisfy either period or genre requirement. The course includes representative plays (by Ford, Webster, Kidd, and Marlowe), and an examination of the dramatic literature of the late sixteenth and early seventeenth centuries (excluding Shakespeare). The course focuses on the language, social and psychological vision, and portrait of family and civic life in the plays. Lecture, discussion, writing. Prerequisite: ENGL 2316. On demand.

4345 TWENTIETH-CENTURY ENGLISH DRAMA For English majors and minors to satisfy upper-division genre or elective requirements. English drama of the twentieth century generally focusing on modern plays by Shaw, Synge, O'Casey, and Eliot, and postmodern plays by Beckett, Pinter, Stoppard, and Churchill. Lecture, discussion, writing. Prerequisite: ENGL 2318. On demand.

4346 RESTORATION AND EIGHTEENTH-CENTURY DRAMA For English majors and minors to satisfy the upper-division genre or elective requirements. English drama of the Restoration and Eighteenth Century, with attention to the political, cultural, and religious contexts in which these plays were produced. This cours will also explore the period's developing conditions of performance, and their impact upon the selected dramatic texts. Lecture, discussion, writing. Prerequisite

ENGL 2317. On demand.

4347 TWENTIETH-CENTURY AMERICAN DRAMA For English majors and minors to satisfy upper-division genre or elective requirements. The course will focus on the American theatre to include such playwrights as Eugene O'Neill, Tennessee Williams, Arthur Miller, Edward Albbe, Lorraine Hansberry, Augst Wilson, and David Mamet, among others; and, as time allows, three to five plays from more recent work by a sampling of a younger generation to include Wendy Wasserstein, Suzan Lori Parks, Tony Kushner, Sam Shepard, and Horton Foote. Lecture, discussion, writing. Prerequisite: ENGL 2313. On demand.

4350 ENGLISH EDUCATION INTERNSHIP I To be taken concurrently with ENGL 4358, Methods of Teaching English and Composition, Internship I is part of the senior block for candidates in secondary education. The internship occurs in appropriate public school settings where the candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors. Prerequisites: Admission to teacher education and completion of designated professional education and specialty courses. Fall.

4354 MODERNISM For English majors and minors that will serve as either a period requirement or an upper division elective. This course will introduce studen to major writers of all genres of the first half of the twentieth century from the United States and the British Isles. Writers such as Hemingway, Faulkner, Pound, T.S. Eliot, Yeats, Joyce, Woolf, and O'Neill will be covered. Lecture and discussion. Prerequisites: ENGL 2318 and 2318. On demand.

4355 POSTMODERNISM For English majors and minors to satisfy upper-division period or elective requirements. A survey of English-language literature since 1945 generally covering the relations between high postmodernism, postcolonial/diverse literature, social realism, and magical realism. Lecture, discussion, writing. Prerequisites: ENGL 2313 and 2318. On demand.

4358 METHODS OF TEACHING ENGLISH AND COMPOSITION May not be taken as part of the BA major or minor. Required of students seeking licensure to teach English. The course includes a study of the methods used to teach literature, grammar, and composition and evaluated teaching presentations before othe candidates. It should be taken during the fall senior block, concurrent with Internship I. Prerequisites: Admission to teacher ed. Lecture, Discussion, writing. Fal

4360 HISTORY AND STRUCTURE OF THE ENGLISH LANGUAGE A survey of English from the Anglo-Saxon to the modern period. Attention will be paid to the social, political and literary matrix within which the language developed. Lecture, discussion, writing. Prerequisites: None. Every other year.

4361 LITERATURE FOR ADOLESCENTS For English majors and minors to satisfy the upper-division elective requirement, and required for licensure in English. Students will learn to select and analyze literature that is appropriate psychologically, intellectually, and motivationally for teaching in secondary schools. Lectur discussion, writing, evaluated teaching presentations before peers. Fall, spring.

4362 SOUTHERN LITERATURE AND FOLKLORE For English majors and minors to fulfill upper-division elective requirements. Explores twentieth-century Southern folklore and literature as social, cultural, and historical manifestations and reactions to contemporary trends in American life and history. Poetry, prose and drama of representative twentieth century-southern writers as well as regional folklore. Prerequisites: none. Lecture, discussion. Prerequisite: ENGL 2313. O demand.

4364 SPECIAL TOPICS IN CHILDREN'S AND YOUNG ADULT LITERATURE For English majors and minors to satisfy the upper-division elective requirements. Th course offers unique instructor-driven topics of current, historical and theoretical interest in Children's/Young Adult Literature. Students will critically read, discuss, and write about the particular subject matter of the course, paying special attention to the larger socio-cultural impact and context of the works under scrutiny. Lecture, discussion, writing. On demand.

4366 LITERARY THEORY AND CRITICISM For English majors and minors to fulfill upper-division elective requirements. This course may be taught using historical models of criticism or modern theoretical schools of thought. Literature (poetry, drama, and prose) will also be included as a means of applying variou theoretical models. Lecture, discussion, writing. On demand.

4370 WOMEN'S LITERATURE For English majors and minors to fulfill upper-division elective requirements. This course may be taught as a survey of women's literature across the centuries, or as a special-topics course dealing with women authors. Poetry, prose, and drama of representative women writers will be included. Lecture, discussion, writing. On demand.

4371 AMERICAN NOVEL TO 1900 For English majors and minors to fulfill genre requirement. The course examines the development of the novel in America generally focusing on writers such as Brockden Brown and Hawthorne to Wharton and James. It explores the American novel as a distinct entity from European and continental models and as a result of social, historical, and economic forces in American life. Discussion, lecture, writing. Prerequisite: ENGL 2312 or 2313. On demand.

4372 EIGHTEENTH-CENTURY ENGLISH NOVEL For English majors and minors to satisfy period or genre requirement. The course generally focuses on works b writers such as Smollet, Sterne, Fielding, Defoe. Lecture, discussion, writing. Prerequisite: ENGL 2317. On demand.

4373 NINETEENTH-CENTURY ENGLISH NOVEL For English majors and minors to satisfy period or genre requirements. The course focuses on English novels o the nineteenth century by writers such as Austen, Dickens, Trollope, Thackeray, Eliot, Hardy. Lecture, discussion, writing. Prerequisite: ENGL 2318. On demand.

4374 TWENTIETH-CENTURY ENGLISH NOVEL For English majors and minors to satisfy period or genre requirements. The course focuses on English novels of

the twentieth century by writers such as Conrad, Joyce, Woolf, Forster, Lawrence, Ford, Fowles. Lecture, discussion, writing. Prerequisite: ENGL 2318. On deman

4375 TWENTIETH-CENTURY ENGLISH POETRY For English majors and minors to satisfy period or genre requirements. The course focuses on English poetry o the twentieth century by such writers as Hardy, Yeats, Eliot, Graves, Auden, Heaney. Lecture, discussion, writing. Prerequisite: ENGL 2318. On demand.

4380 AFRICAN AND AFRICAN-AMERICAN LITERATURE For English majors and minors to satisfy upper-division elective requirements. This is a survey of African and African-American literature from the eighteenth century to the present generally focusing on slave narratives, middle passage and captivity narrativ in the eighteenth and nineteenth centuries and works by such writers as Larson, Petry, Hurston, Bambara, Reed, Baraka, John A. Williams, and August Wilson in this century. Lecture, discussion, writing. Prerequisite: ENGL 2312 or 2313. On demand.

4381 MAJOR AFRICAN/AFRICAN-AMERICAN WRITERS Required for African/African-American Studies majors; an elective for minors in that program and for English majors and minors. The course enables students to explore in some depth the works of one or more important African and/or African-American writers who have established distinctive artistic voices within a particular country, culture, or region. May be repeated once for credit with chair's permission. Lecture,discussion. Prerequisite: ENGL 2313. Annually.

4382 RACE IN AMERICAN LITERATURE Required for African/African-American Studies majors and a core elective for minors; an elective for English majors and minors. The course explores the depictions of racial definitions, identities, and conflicts offered by American writers of various races, although primarily African American and white. Focus will be on writers such as Phillis Wheatley, Frederick Douglass, W. E. B. Du Bois, Booker T. Washington, Richard Wright, Ralph Ellison Toni Morrison, Harriet Beecher Stowe, Mark Twain, and Flannery O'Connor. Lecture, discussion. Prerequisite: ENGL 2312 or 2313. Annually.

4385/4685 TRAVEL SEMINAR IN LITERATURE This variable-credit course may satisfy up to six hours of upper-division electives for English majors and minor and is open to other students by consent of the instructor and chair. Participants will not only study selected works and authors, but will also travel to the cultu that produced the works. The course will typically include some intensive on-campus study and orientation before travel. Lecture, discussion, writing. On demand.

4680 ENGLISH EDUCATION INTERNSHIP II Internship II is taken during the final semester of work in the Teacher Education Program. The internship is conducted in public school secondary settings (grade 7-12) and requires full-day involvement and seminars. Candidates work under the supervision of public school and university professionals. ENGL 4680 Internship II is to be taken concurrently with ENGL 4681 Internship II. Prerequisites: Admission to teacher education, completion of all major and professional education course work. Spring.

4681 ENGLISH EDUCATION INTERNSHIP II Internship II is taken during the final semester of work in the Teacher Education Program. The internship is conducted in public school secondary settings (grade 7-12) and requires full-day involvement and seminars. Candidates work under the supervision of public school and university professionals. ENGL 4681 Internship II is to be taken concurrently with ENGL 4680 Internship II. Portfolio required. Prerequisites: Admissio to teacher education, completion of all major and professional education course work. Spring.

AFAM

Undergraduate Bulletin
Document Number 4.09.07

Return to History

[1] Courses in AFRICAN/AFRICAN AMERICAN STUDIES (AFAM)

1330 INTRODUCTION TO AFRICAN AND AFRICAN AMERICAN STUDIES This course is a requirement for students majoring or minoring in African/African America Studies and will introduce them to the study of African and African American literature and culture from an interdisciplinary perspective. The course format is lecture/discussion. Fall, spring.

Religion

Return to Philosophy and Religion
Return to Religious Studies

[1] Courses in Religion (RELG)

1320 WORLD RELIGIONS A general education elective in the world cultural traditions area and encouraged for all students majoring or minoring in the religiou studies program. This course introduces students to the study of great religions of the world--Hinduism, Buddhism, Islam, Judaism, Christianity, and others--b examining their history, beliefs, moral teachings, rituals, and practices. Combines lecture and discussion. Fall, spring, summer.

1330 EXPLORING RELIGION This course explores religion and the meaning of religion in its various forms as an expression of human culture. Students will be introduced to basic themes concerning the nature and function of religion and how religion expresses and relates to matters of ultimate concern for human beings. This course satisfies the humanities requirement in the General Education program. Combines lecture and discussion. Fall, spring.

2300 RELIGION IN THE UNITED STATES This course examines ways in which various religions are adapting to contemporary circumstances in the United State Religions to be studied include, Christianity, Judaism, Islam, and various new religious movements. This course satisfies the Western Religious Traditions core requirement or may serve as an elective for the Religious Studies major or minor. It also serves the Foundation core requirement or may serve as an elective fo the Interdisciplinary Studies major. It may also serve as a general elective for other interested students. Combines lecture and discussion. On demand.

2332 JEWISH SCRIPTURES An optional core (or elective, if not taken as a core) for all students majoring or minoring in religious studies, an elective for other interested students, and counts toward the major or minor in philosophy. This course critically studies the Jewish Scriptures. Combines lecture and discussion. Fall, odd years.

2333 CHRISTIAN SCRIPTURES An optional core (or elective, if not taken as a core) for all students majoring or minoring in religious studies, an elective for other interested students, and counts toward the major or minor in philosophy. This course critically studies the Christian Scriptures. Combines lecture and discussion. Fall, even years.

3301 THEORIES AND METHODS IN RELIGIOUS STUDIES A required course for all students majoring or minoring in religious studies, an elective for other interested students, and counts toward the major or minor in philosophy. Introduces students to the study of religion focusing on methodological approaches, forms of religious expression, perennial issues in religious world views, and issues facing religion in the modern world. Combines lecture and discussion. Every third semester.

3315 RELIGION AND CULTURE An optional core (or elective, if not taken as a core) for students majoring or minoring in religious studies or philosophy, and a elective for other interested students. An examination of relationships between religious thought and experience and various other forms of cultural expression For any given semester one area of interest in religion and culture will be explored. Combines lecture and discussion. May be repeated for credit. On demand.

3320 MODERN RELIGIOUS THOUGHT An optional core (or elective, if not taken as a core) for all students majoring or minoring in religious studies or philosophy, and an elective for other interested students. This course studies the development of philosophical and theological thinking about religion and the modern world from the European Enlightenment to the 20th century. Combines lecture and discussion. On demand.

3325 BUDDHISM An optional core (or elective, if not taken as a core) course for religious studies majors and minors, and elective for philosophy majors and minors, and an elective for other interested students. This course surveys and examines critically the major traditions of Buddhism and Buddhist thought, from the advent of Buddhism in India 2,500 years ago to contemporary expressions in Asia and the West. Lecture, discussion. On demand.

3330 RELIGION AND GENDER An optional core (or elective, if not taken as a core) for all students majoring or minoring in religious studies or philosophy, an elective for students minoring in Gender Studies, and an elective for other interested students. An examination of the ways in which religion has impacted historical and contemporary understandings of gender and sexuality, as well as the roles of women and men in religious organizations and society. Combines lecture and discussion. On demand.

3335 JUDAISM An optional core (or elective, if not taken as a core) course for religious studies majors and minors, an elective for philosophy majors and mino and an elective for other interested students. This course surveys and critically examines major Jewish traditions from the ancient world to the present. Lecture, discussion. Fall, even years.

3340 RELIGION, SCIENCE, AND TECHNOLOGY An optional core (or elective, if not taken as a core) for all students majoring or minoring in religious studies or philosophy, and an elective for other interested students. This course critically examines the development and interaction of religion, science, and technology from the early modern period to the present. Combines lecture and discussion. On demand.

3345 AFRICAN-AMERICAN RELIGIOUS THOUGHT An optional core (or elective, if not taken as a core) course for religious studies majors and minors, an elective for philosophy majors and minors and students majoring or minoring in African/African American Studies, and an elective for other interested students

This course studies various historical and contemporary figures and movements in African-American religious thought. Lecture, discussion. On demand.

3380 INTERNSHIP IN RELIGIOUS STUDIES For Religious Studies majors and minors to fulfill an elective requirement. Each internship is tailored to the needs of the employer and the interests of the student. Internships require 120-150 hours of work with the employer for three hours of elective credit. Prerequisites: junior or senior standing and consent of departmental internship coordinator. Fall, spring and summer.

4300 RELIGIOUS STUDIES FOR HONORS TUTORIAL Independent study designed to provide the exceptional student with an opportunity to do advanced research in religious studies and graduate in the undergraduate scholars program. May count toward the major. Prerequisites: 3.25 GPA overall, 3.50 GPA in the major, and invitation by the religious studies faculty. On demand.

4320 CONTEMPORARY RELIGIOUS THOUGHT An optional core (or elective, if not taken as a core) course for religious studies majors and minors, an elective f philosophy majors and minors, and an elective for other interested students. This course studies the thought of some of the most significant religious thinkers and movements of the twentieth and twenty-first centuries. Lecture, discussion. On demand.

4325 POSTMODERN THEOLOGY This course examines the development of postmodern theology. It explores the emergence of Continental French philosophy the 20th century, and how it relates to currents of American academic theology. What does it mean to think about theology in a non-confessional or non-ecclesiastical context? Students will conduct research, write papers, and participate in discussion dealing with the interrelationships among postmodernism. Continental philosophy, and theology. This course satisfies the Religious Thought Core requirement and counts as an elective for the major or minor in Religiou Studies. Combines lecture and discussion. Spring, even years.

4330 READINGS IN RELIGIOUS STUDIES Independent studies course designed to deal in depth with specific problems and individuals in religious studies. Prerequisite: Consent of instructor. On demand.

Finance

Undergraduate Bulletin
Document Number 4.01.03(b)

Return to EFIRM

[1] Courses in Finance (FINA)

2330 PERSONAL FINANCE This is an elective course. The mode of instruction is lecture and discussion. Practical applications of personal financial planning, budgeting, and control. Special attention to the use of credit, insurance, savings, retirement planning, and housing finance. On demand.

3323 REAL ESTATE This is an elective course. The mode of instruction is lecture and discussion. Basic principles, laws, and practices related to appraisal, ownership, control, financing, and transfer of residential and other real property. On demand.

3330 MANAGING FINANCE AND CAPITAL This is a required course for all business majors in the business core. The mode of instruction is lecture and discussion. Basic problems and principles in financial management, with special attention to financial planning, asset management, sources of financing, and valuation of the enterprise. Prerequisites: ACCT 2310, 2311; ECON 2320, 2321; QMTH 2330. Fall, spring, summer.

3340 MONEY, BANKING, AND FINANCIAL MARKETS This is a required course for finance majors and an elective for BA and BS economics majors. Coverage includes a survey of monetary theory and the study of banking institutions, financial intermediaries, financial markets, and the influence of government regulation. The mode of instruction is lecture and discussion. Prerequisites: ECON 2320 and 2321. Fall, summer.

3350 PERSONAL FINANCIAL PLANNING This is a required course for finance and insurance and risk management majors. The main objective of the course is t acquaint students with fundamentals of financial planning and basic understanding of terminology and concepts that are widely used in the financial planning industry. The emphasis is on the latest financial planning methods and techniques for effective money management. The modes of instruction include lecture an discussion. Fall, spring.

3382 INTERNSHIP IN FINANCE This is an elective course open to Finance majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be awarded for this course upon completion of a minimum of 120 contact hours at an Approved CBA student internship. Prerequisite: Junior standing. On demand.

4331 BANK MANAGEMENT An elective in the finance major, this course provides a broad understanding of commercial banking. Coverage includes the principles and practices of commercial bank lending as well as asset, liability, and capital management. The mode of instruction is lecture and discussion. Prerequisite: FINA 3330 and 3340. Spring.

4332 INVESTMENTS This is a required course for finance majors and insurance and risk management majors and an elective for BS economics majors. The mod of instruction is lecture and discussion. Basic theory, concepts, and principles applicable in making investment decisions. Emphasis on investment media, investment analysis, valuation techniques, and portfolio construction and management. Prerequisite: FINA 3330. Fall, summer.

4333 INTERNATIONAL FINANCE This is a required course for finance majors and elective for BS economics majors. The mode of instruction is lecture and discussion. Global financial markets and multinational financial operations. International financial relationships, emphasizing the international financial context business decision-making. Prerequisites: ECON 2320 and 2321. Fall, summer.

4334 FINANCIAL DERIVATIVES This is an elective course in the Finance major. The mopde of instruction is lecture and discussion. Financial derivatives and markets are examined with an emphasis on their use of hedging an speculative purposes. Major valuation models and term structure models are discussed wit applications to problems in financial decision-making process. Prerequisite: FINA 3330. Spring.

4336 ADVANCED FINANCIAL MANAGEMENT The mode of instruction is lecture and discussion. Analysis of financial theories and practices as they relate to financial decision-making within the firm. Selected cases, problems, and readings illustrate techniques used in financial decision-making. Prerequisite: FINA 3330. Spring.

4376 ENTREPRENEURIAL & SMALL BUSINESS FINANCE This course is required for the Entrepreneurship major and an elective in the Finance major. The mode instruction is lecture and discussion. The course emphasizes the differences between large corporations and Small and Medium Enterprises (SME's). Topics include techniques for estimating financial resource requirements and sources of funds for small businesses in the development, startup, and survival stages of the SME's life cycle. Other topics include venture growth capital and exit strategies. Prerequisites: FINA 3330 and MKTG 3376 or consent of instructor. Offered once per year.

4382 INTERNSHIP IN FINANCE This is an elective course open to Finance majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be awarded for this course upon completion of a minimum of 120 contact hours at an Approved CBA student internship.

Prerequisite: Senior status. On demand.

4190, 4290, 4390 INDEPENDENT STUDY An investigation of a selected problem in finance consisting of readings and research and designed to involve the student in substantive analysis. Required for graduation with department honors. Prerequisite: consent of department chair. On demand.

4195, 4295 SPECIAL PROBLEMS IN FINANCE An investigation of a selected problem in finance consisting of readings and research and designed to involve the student in substantive analysis. Required for graduation with departmental honors. Prerequisite: consent of department chair. On demand.

4395 SPECIAL PROBLEMS IN FINANCE A course in finance on a special topic issue. The Topic will vary from semester to semester. Prerequisite: consent of department chair. On demand.

Psychology and Counseling

Undergraduate Bulletin
Document Number 4.04.11

Return to Psychology and Counseling

[1] Courses in Psychology (PSYCH)

1300 GENERAL PSYCHOLOGY A general education elective in behavioral and social sciences. Survey and introductory course in psychology to acquaint the student with psychology as a behavioral science. A required course for majors and minors. Lecture. Fall, spring, summer.

2330 PSYCHOLOGICAL STATISTICS Introductory descriptive and inferential statistics. A required course for majors. No credit will be awarded in more than on introductory statistics course. Lecture/laboratory; computer work required. Fall, spring, summer.

2360 COMPARATIVE PSYCHOLOGY The course will examine the study of behavior from an evolutionary perspective as it applies to both animals and humans. We will examine behavioral biodiversity and similarity across species. Prerequisite: PSYC 1300. Offered once a year.

2370 DEVELOPMENTAL PSYCHOLOGY Continuation of theoretical points of view related to development across the lifespan. Category III elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

3305 HEALTH PSYCHOLOGY A comprehensive introduction to the field of health psychology. Both theoretical and applied aspects of the work of the health psychologist will be reviewed. Category IV elective. Prerequisites: PSYC 1300 or consent of instructor. On demand.

3306 POSITIVE PSYCHOLOGY The scientific study of optimal functioning, which aims to discover and promote factors that allow individuals, communities, and societies to thrive and flourish. The course will examine human behavior that is effective, valuable, and positively contributes to human development. This cour takes a holistic and general systems theory perspective. Category IV elective. Prerequisite: PSYC 1300. On Demand.

3310 PSYCHOPHYSIOLOGY This course explores the use of physiological recordings as an aid to understanding human behavior and mental processes. Category II elective. Lecture. Prerequisite: PSYC 1300. On demand.

3325 COGNITIVE PSYCHOLOGY Survey of human mental processes such as thinking, memory, language, attention, and problem-solving. Human cognition wil be studied from multiple perspectives: psychology, artificial intelligence, linguistics, human learning, and computer technology. Category II elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

3330 SENSATION AND PERCEPTION Study of the sensory processes and related perceptual phenomena. Category II elective. Lecture. Prerequisite: PSYC 1300. Fall, summer.

3331 PSYCHOLOGY OF BUSINESS AND INDUSTRY Survey of psychological principles applicable to business and industry settings. Category IV elective. Lecture Prerequisite: PSYC 1300. On demand.

3332 RESEARCH METHODS Scientific methodology and report writing as applied to major problem areas in behavioral research. A required course for majors. Lecture/laboratory; computer work required. Prerequisites: PSYC 1300 and 2330. Fall, spring, summer.

3340 RESEARCH METHODS LABORATORY Application of scientific methods to behavioral research questions. A required course for majors. Lecture/laboratory computer work required. Prerequisite: PSYC 3332. Fall, spring, summer.

3345 EVOLUTIONARY PSYCHOLOGY This course will examine the mechanisms of the human mind from the perspective of evolutionary psychology. Beginning with a brief historical review of key themes in psychology and evolutionary biology, the course then proceeds to substantive topics, including problems of survival, long-term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and social dominance. The final portion of the course will conclude by proposing a unified theory that integrates the different branches of psychology. Prerequisite: PSYC 1300. On demand.

3350 PSYCHOLOGY OF WOMEN Survey and analysis of theory, research, and special topics that pertain to the psychological experience of women through the life-span. Focus on integrating psychology of women into traditional approaches to the study of human behavior. Category IV elective. Lecture. Prerequisite: Six hours of psychology. Summer.

3351 PSYCHOLOGY OF LEARNING Basic theories and principles of learning. Category II elective. Lecture. Prerequisite: PSYC 1300. Fall, summer.

3360 SOCIAL PSYCHOLOGY Survey of theory and research on how people perceive, influence, and relate to others. Category III elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

3370 SPORTS PSYCHOLOGY Study of the psychological factors that influence and are influenced by performance in sport, exercise, and physical activity. Category IV elective. Lecture. Prerequisite: PSYC 1300. Spring, summer.

3455 COMPARATIVE PRIMATOLOGY Primatology is the study of the biology, behavior, and evolution of prosimians, monkeys, and apes. We will specifically investigate the evolution of social systems, social behavior, cognitive abilities, and culture in primates. Prosimians, monkeys, and apes live in a variety of social systems, within which we can examine issues such as reproductive strategies, the behavioral diversity within and between their social units, and aspects of intelligence and culture. This can be achieved through comparisons of different populations of the same species and comparisons between different closely related species. Particularly intriguing are the differences between apes and humans concerning fundamental social-cognitive processes including communication, cooperation, social interaction, conflict resolution behaviors, and social learning. Research in the course will use a descriptive, comparative approach referred to as naturalistic observation. The core of this course will be in observation of primates at the Little Rock Zoo; student attendance and participation is mandatory for successful completion of the course. Prequisite: PSYC 3332. On demand.

4180 INDEPENDENT READINGS IN PSYCHOLOGY Readings selected by the student under the direction of the major provessor from special areas and topics in psychology. Category IV elective. Prerequisite: consent of instructor and chairperson. On demand.

4182 INDEPENDENT RESEARCH IN PSYCHOLOGY Development of a research proposal and the execution of the study under the guidance of a faculty advisor. Category IV elective. Prerequisite: consent of instructor and chairperson. On demand.

4280 INDEPENDENT READINGS IN PSYCHOLOGY Readings selected by the student under the direction of the major provessor from special areas and topics in psychology. Category IV elective. Prerequisite: consent of instructor and chairperson. On demand.

4282 INDEPENDENT RESEARCH IN PSYCHOLOGY Development of a research proposal and the execution of the study under the guidance of a faculty advisor. Category IV elective. Prerequisite: consent of instructor and chairperson. On demand.

4300 THEORIES OF PERSONALITY Study of the major ideas of important personality theorists and their theoretical contributions to the science of personality. Category III elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

4305 JUDGMENT AND DECISION-MAKING Judgment and Decision-Making presents a survey of current research in psychology, evolutionary theory, and economics on the factors that influence human choice behavior. Course participants will learn the major theories and current research in decision-making and how to avoid common decision-making errors. Prerequisite: PSYC 1300. On demand.

4320 ABNORMAL PSYCHOLOGY Survey of behavior disorders, ranging from the mild to the severe. The etiology, treatment, and prognosis of the various maladaptive behavior patterns are examined. Category III elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

4325 PHYSIOLOGICAL PSYCHOLOGY Techniques of investigation in physiological psychology. Structure and function of all nerves, muscles, and endocrine glands. Investigation of physiological basis for behavior. Category II elective. Lecture. Prerequisite: PSYC 1300. Fall, spring, summer.

4340 HISTORY AND SYSTEMS OF PSYCHOLOGY Study of philosophical and scientific antecedents of contemporary psychology. A required course for majors. Lecture. Prerequisite: Graduating senior psychology major. Fall, spring, summer.

4351 BEHAVIOR MODIFICATION The nature of a variety of behavior modification techniques which have proved useful in such diverse areas as mental retardation, abnormal behavior, education, and social behavior and their application to specific forms of behavior. Category IV elective. Lecture. Prerequisite: PSYC 3351. On demand.

4352 ADULT PSYCHOLOGY Survey of psychological aspects of the adult's role in contemporary society in relation to self-image, family, and vocation. A consideration of adulthood as developmental as applied to the physical, mental, emotional, and social being. Category III elective. Lecture. Prerequisite: PSYC 1300. On demand.

4353 PRACTICUM IN BEHAVIOR MODIFICATION Supervised, practical experience in behavior management programs. Category IV elective. Lecture. Prerequisite PSYC 3351, 4351, and consent of instructor. On demand.

4380 INDEPENDENT READINGS IN PSYCHOLOGY Readings selected by the student under the direction of the major professor from special areas and topics of psychology. Category IV elective. Prerequisite: Consent of instructor and chair. On demand.

4382 INDEPENDENT RESEARCH IN PSYCHOLOGY Development of a research proposal and the execution of the study under the guidance of a faculty advisor. Category IV elective. Prerequisite: PSYC 3332, consent of instructor and chairperson. On demand.

4390 PSYCHOLOGICAL TESTS AND MEASUREMENTS Theory and construction of tests, with concern for test selection and use. Category IV elective. Lecture. Prerequisite: PSYC 2330. Summer, on demand.

Spanish

Undergraduate Bulletin
Document Number 4.05.08(g)

Return to World Languages

[1] Courses in Spanish (SPAN)

1111, 1211 BASIC SPANISH COMMUNICATION Oral and written practice in basic Spanish communication designed to reinforce the work students are doing concurrently in Spanish 1310 or 1320 curriculum. Laboratory or classroom setting.

1310 ELEMENTARY SPANISH I Beginning study of Spanish designed for students with minimal or no experience in high school Spanish as determined by UCA placement examination. The main goal of this course is to begin to learn to speak, read, write, and comprehend basic Spanish. Special emphasis is placed upon the grammatical structures necessary for perfecting these communication skills. The student will also gain cultural awareness of Hispanic ways of life. May not be taken for degree credit if student has three or more years of high school Spanish, except by written permission of the chair. Fall, spring.

1320 ELEMENTARY SPANISH II Continuation of beginning Spanish designed for students who have previously taken SPAN 1310. This course continues to develop the student's ability to speak, read, write and comprehend basic Spanish. Special emphasis is placed upon the grammatical structures necessary for perfecting these communication skills. The student will also gain cultural awareness of Hispanic ways of life. Prerequisite: C grade or better in SPAN 1310 or appropriate placement examination score, or consent of chair. Fall, spring.

1330 ELEMENTARY SPANISH IN REVIEW Review of beginning Spanish for students who have studied the language for at least three years in high school, and who, based on results of UCA's Spanish placement process, are not prepared for Spanish 2300 or 2310. This course seeks to review and solidify the basic skill covered in Spanish 1310 before continuing to the study of speaking, reading and writing basic Spanish. Special emphasis is placed on the grammatical structur necessary for perfecting these communication skills. The cultural richness of the Hispanic world will also be examined. Upon successful completion of this course, students may enroll in Spanish 2300 or 2310. Prerequisite: Three or more years of high school Spanish, departmental placement, or consent of chair.

2112, 2212 COMMUNICATING IN SPANISH I AND II Oral and written practice of Spanish designed to reinforce the Spanish 1320 or 2300 curriculum. Neither fulfills BA foreign language requirement. On demand.

2300 INTERMEDIATE SPANISH Practical communication skills with emphasis on intermediate-level proficiencies using culturally authentic materials. Designed f the generalist, in particular the BA student. Does not apply toward major/minor requirements. Prerequisite: C grade or better in previous Spanish course, or appropriate placement examination score, or consent of chair. Fall, spring.

2310 INTERMEDIATE SPANISH II Basic review followed by active use of reading, writing, speaking and listening skills. Discussion/lecture. Prerequisite: C grade or better in previous Spanish course, or appropriate placement examination score or consent of chair. Fall, spring.

2320 INTERMEDIATE SPANISH III Further review of Spanish with practice of reading, writing, speaking and listening skills. Also fulfills humanities area elective in general education. Discussion/lecture. Prerequisite: SPAN 2310 or appropriate placement examination score and consent of chair. Fall, spring.

2325 INTRODUCTION TO SPANISH PHONETICS This course examines the basics of Spanish pronunciation through a systematic analysis of the language's phonetic composition, based on the International Phonetic Alphabet (IPA) and exemplified with voice recordings of native Spanish speakers. Students are given ample opportunity to practice their pronunciation during the course of the semester, both in classroom exercises and in outside homework and projects. The target group for this course is non-native Spanish speakers, since many matters covered would pose little or no problem for native speakers. Prerequisite: SPAN 2310. Offered every three semesters.

2330 INTRODUCTION TO BUSINESS SPANISH Special applications of Spanish to the business environment. Emphasis on a broad range of topics related to the needs of people working or living in the Spanish business community. Discussion/lecture. Prerequisite: SPAN 2310 or consent of chair. On demand.

2340 INTENSIVE ORAL PRACTICE ABROAD IN SPANISH Intensive practice in speaking Spanish. Student must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. Spanish 2340 cannot be counted toward the major or minor in Spanish, nor can it be used to fulfill three credit hours at the 2000 (intermediate) level for the B.A. foreign language requirement. Prerequisite: SPAN 1320. On demand.

2350 INTERMEDIATE CONVERSATIONAL SPANISH This course is designed to develop intermediate level oral proficiency by providing extra speaking practice. Students will also complete short written assignments for grammar review. Discussion/lecture. Prerequisite: SPAN 2310. Fall, spring.

3160, 3260 PRACTICUM IN SPANISH Designed to enhance communication skills and cultural knowledge through participation in authentic language experiences. May be repeated for 6 hours, but a maximum of 3 hours may be applied to the major or minor program. Prerequisite: SPAN 2310 or consent of

chair. On demand.

3300 ADVANCED GRAMMAR AND COMPOSITION In-depth study and review of advanced grammar topics, with intensive practice in speaking and writing idiomatic Spanish. Compositions prepare students to write in a variety of contexts, including narrative and persuasive discourse styles. Discussion/lecture. Prerequisite: SPAN 2320 or consent of chair. Fall, spring.

3303 ADVANCED COMPOSITION AND TEXTUAL ANALYSIS Contextual study of additional advanced grammar topics through analysis of literary and cultural texts. Advanced practice in speaking and writing with a focus on preparation for research, reading, and writing in literature and civilization courses. Discussion/lecture. Prerequisite: SPAN 3300, departmental placement, or consent of chair. Fall, spring.

3312 SPANISH CIVILIZATION Survey of historical, literary, and artistic elements of Peninsular society with an analysis of modern Spanish customs and social issues. Discussion/lecture. Prerequisite: SPAN 3300 or 3303 or consent of chair. Fall.

3313 LATIN-AMERICAN CIVILIZATION Survey of Pre-Columbian civilizations, historical, literary and artistic trends with an analysis of modern Latin-American society. Discussion/lecture. Prerequisite: SPAN 3300 or 3303 or consent of chair. Spring.

3315 TOPICS IN HISPANIC STUDIES Taught entirely in Spanish, this course is specifically designed for students who are in the process of improving their reading, writing, listening, and speaking skills. Course content will include a diverse range of topics related to Hispanic studies. May be repeated for credit und different topics; however, it may only be used once to satisfy the requirement for a 3000-level course in the literature or civilization block, depending on the topic. Prerequisite: SPAN 3300. Fall or spring.

3320 SPANISH LITERATURE Introduction to Spanish literature, with emphasis on Spain. Discussion/lecture. Prerequisite: SPAN 3300 or 3303 or consent of cha Spring.

3321 SPANISH AMERICAN LITERATURE Literature of the Hispanic world, with emphasis on Latin America. Discussion/lecture. Prerequisite: SPAN 3300 or 3303 or consent of chair. Fall.

3330 ADVANCED BUSINESS SPANISH This course further develops the four language skills in the context of vocabulary and content related to commercial use of Spanish. Designed to build on concepts introduced in Spanish 2330, the course will prepare students to communicate effectively in a variety of practical business settings. Discussion/lecture. Fall, spring.

3340 INTENSIVE ORAL PRACTICE ABROAD IN SPANISH Intensive practice in speaking Spanish. Student must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. Students may only count three credits of Intensive Oral Spanish Abroad (3340) toward the major in Spanish. Prerequisite: SPAN 2320. On demand.

3360 DRAMA-TEATRO: STAGING SPANISH ONE-ACT PLAYS Consists of reading, writing, rehearsals and public performances of one-act plays in Spanish. Designed for students who want to experience acting in Spanish, to engage in creative teamwork, and to polish their written and spoken Spanish. All oral and written coursework is in Spanish. Prerequisite: Completion of SPAN 2320 or permission of instructor. Offered on demand.

3370 INTRODUCTION TO SPANISH TRANSLATION This course examines the essence of translation through a discussion of theory and its application to authentic texts involving general, economic, sci-tech, and political topics. Also explored are the professional possibilities in the field of translation. As assignments and tests involve translation both from Spanish to English and English to Spanish, the class is taught in both languages, with emphasis on Spanish. Prerequisite: SPAN 3300. Fall, spring.

3398 TRAVEL SEMINAR ABROAD Intensive study abroad. Classes in Spanish conversation, Spanish/Spanish-American history, culture, and literature. Prerequisite: SPAN 2320 or consent of chair. On demand.

4110 SENIOR CAPSTONE PROJECT Capstone course required of all Spanish majors completing the program. Students must complete a series of comprehensive assessments including proficiency examinations, self-assessments, essays and a final paper asking students to integrate their linguistic, cultural, and literary knowledge. Teacher candidates completing the course will be required to complete an official ACTFL Oral Proficiency Interview. Discussion/lecture. Fall, spring

4310 UNDERGRADUATE SCHOLAR'S THESIS Tutorial taken in the senior year by a student who is invited to enter the undergraduate scholar's program in Spanish. A reading list will provide the foundation for a thesis to be written by the honors candidate. To qualify, the student must earn a grade of A or B on the thesis. Prerequisite: Departmental invitation.

4350 INTRODUCTION TO SPANISH LINGUISTICS This course is an introduction to the Spanish language system. After a basic examination of linguistic concepts, the course will explore Spanish phonetics, phonology, morphology, and syntax. In addition to an overview of the history of the Spanish language, the course may consider the implications of sociolinguistics, semantics, and linguistic variation. Required course for all teacher candidates. Prerequisite: SPAN 3300 or 3303 or consent of chair. Spring.

4395 ADVANCED HISPANIC LITERATURE Theme course. Special studies in various genres, literary movements, or authors. May be repeated for credit under

different topics. Discussion/lecture. Prerequisites: 3300 or 3303 and 3312 or 3321 or consent of chair. On demand.

4396 HISPANIC STUDIES Theme course. Special studies relating to sociological, political, cultural, and philosophical aspects and/or trends in the Spanish-speaking world. May be repeated for credit under different topics. Discussion/lecture. Prerequisites: 3300 or 3303 and 3313 or 3321 or consent of chair. On demand.

4100, 4200, 4300 INDEPENDENT STUDY IN SPANISH Prerequisite: Consent of instructor and chair. On demand.

Computer Science

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Return to Computer Science

[1] Courses in Computer Science (CSCI)

1110 INTRODUCTION TO ELECTRONIC SPREADSHEETS A service course for non-majors. This course is an introductory course in electronic spreadsheets. A basic knowledge of computer usage is assumed. Fall, spring.

1115 INTRODUCTION TO DATABASES A service course for non-majors. This course is an introductory course to database technology. Coverage includes data retrieval, creation of forms, and report generation. A basic knowledge of computer usage is assumed. Fall, spring.

1120 INTRODUCTION TO PRESENTATION SOFTWARE A service course for non-majors. This course is an introductory course for the use of presentation and authoring software tools. A basic knowledge of computer usage is assumed. Fall, spring.

1300 INTRODUCTION TO COMPUTING A service course for non-majors that introduces the fundamental concepts and terminology of computing, history of computing, social impact of computers, software concepts, problem-solving, introduction to computer operations with popular system software such as Microso Office. Basic skills are taught for data processing with a word processor, an electronic spreadsheet, a database management system, and the Internet. Fall, spring, summer.

1340 INTRODUCTION TO PROGRAMMING I An introductory computer programming course for non-majors in a high-level language, with emphasis on proble solving and logical thinking. Students learn to design, implement, test, and debug programs using multimedia data and control structures. Fall, spring.

1470 COMPUTER SCIENCE I An introductory course for computer science majors and minors with major emphasis on problem solving and programming. The programming component covers data types, input/output statements, control statements, pointers, subprograms and functions, and structures. Prerequisite: MATH 1390. Fall, spring, summer.

1480 COMPUTER SCIENCE II A continuation of Computer Science I for majors and minors that emphasizes problem solving and programming using dynamic memory management and object-oriented programming (OOP) paradigm. Prerequisites: C or better in CSCI 1470. Fall, spring.

2320 DATA STRUCTURES A required course for majors and minors. The fundamental data structures including sets, lists, trees, and graphs are studied. Variou methods of implementing these structures are investigated and analyzed. Prerequisite: CSCI 1480. Fall, spring.

2440 ASSEMBLY LANGUAGE AND COMPUTER ORGANIZATION A required course for majors and minors. Introduction to the organization and design of digita computers with an emphasis on assembly languages, number systems and internal codes, Boolean algebra and the simplification of Boolean functions. Also included are low-level hardware configurations and instruction sets, addressing modes, interrupts, and sequential logic. Prerequisite: CSCI 1480. Fall, spring.

3190 SOCIAL IMPLICATIONS OF TECHNOLOGY A required course for majors that introduces the affects of computer technology on society and individuals, an to the ethics of computer professionals. Topics include privacy, the nature of work, centralization versus decentralization, and the need for human factor analys in the development of new computer systems. Prerequisites: CSCI 2320 or consent of instructor. Fall, spring.

3330 ALGORITHMS A required course for majors and minors that studies algorithmic development strategies including divide-and-conquer, greedy method, dynamic programming, search and traversal techniques, backtracking, and branch-and-bound. The theory of NP-Hard and NP-Complete problems is introduce Analysis of algorithms is also included. Prerequisites: CSCI 2320, MATH 2330. Fall or spring.

3335 NETWORKING An elective for majors that introduces communication concepts, structure and organization of communications systems, communications media, speed disparity problems, communications hardware and software, communications monitors, polling, line protocols, partition management, future tren in communications. Prerequisite: CSCI 2320 or consent of instructor. Fall or spring.

3345 HUMAN-COMPUTER INTERACTION This course introduces fundamentals of human-computer interaction: human processes, computer processes, design processes, task analysis and evaluation, prototyping, multimedia, and user-centered interface design and development. Prerequisite: CSCI 2320. Fall or spring.

3350 FILE STRUCTURES An elective course for majors. File processing concepts and terminology, physical characteristics of external storage devices, external data representation, sequential files, linked lists, trees, networks, file organizations, indexed-sequential files, file control systems, and utility routines. Prerequisite: CSCI 2320

3360 DATABASE SYSTEMS A required course for majors. Database models with the emphasis on relational database, the concept and mathematical foundation of relational database, the formalization of relations, the SQL database definition/manipulation language, and entity relationship database design method.

Prerequisite: CSCI 2320. Fall or spring.

3370 PRINCIPLES OF PROGRAMMING LANGUAGES A required course for majors that introduces the evolution of programming languages, language translators programming paradigms, syntax and semantics, abstraction and structure, data types and data structures, statements, operators and expressions, control structures, abstract data types, subprograms, and discussion of popular programming languages with each paradigm. Prerequisite: CSCI 2320. Spring or fall.

3375 INTERNSHIP IN COMPUTER SCIENCE An elective for majors. The student enrolled in this course will work for a local industry, business, or government entity for approximately 20 hours per week related to computer science for a semester. This course is reserved for upper-division computer science majors. Prerequisites: junior or senior status, and approval by the department. Fall, spring, summer.

3380 COMPUTER ARCHITECTURE An elective course for majors. Topics include arithmetic and logic unit, control unit, memory system, I/O system, instruction format, instruction implementation, and program flow control. Prerequisite: CSCI 2440. Fall or spring.

3381 OBJECT-ORIENTED SOFTWARE DEVELOPMENT WITH JAVA A required course for majors. This course introduces object-oriented programming design and implementation. It covers the object oriented programming basics, building applets, multimedia, network programming techniques, and multi-thread programming techniques in an object-oriented language. The emphasis of this course is object-oriented programming techniques and network-related programming techniques. Prerequisites: CSCI 2320. Spring or fall.

3385 ARTIFICIAL INTELLIGENCE An elective for majors. The course introduces the elements of artificial intelligence covering knowledge representation and pattern matching, search techniques, natural language processing, logic and inference, machine learning, problem solving, expert systems, and programming in PROLOG/LISP. Prerequisite: CSCI 2320. Spring.

4191 SEMINAR IN APPLIED COMPUTING Investigation of current development in computer science by attending and giving presentations supervised by a facul member. Prerequisite: upper level status. Fall, spring

4300 OPERATING SYSTEMS A required course for majors. Introduction to operating systems, historical development, serial batch systems, multiprogramming systems, time-sharing systems, real-time systems, control programs, job control language, job management, task management, data management, interrupt handling, and concepts of telecommunication. Prerequisites: CSCI 2440, 3330. Fall.

4310 INTRODUCTION TO SCIENTIFIC COMPUTING Topics in modeling scientific computing problem, algorithm development, numerical methods, software tools, and implementation. Prerequisite: CSCI 2320, MATH 1591, 3320. Fall or spring.

4315 INFORMATION SECURITY This course introduces the basic concepts, principles, and the state-of-the-art technologies in the realm of computer/network security and information assurance. It introduces topics ranging from cryptographic techniques to trusted systems to multilevel security to network security to ethics in the computing profession. Students will learn fundamental concepts of security that can be applied to many traditional aspects of computer programming and computer system design. Prerequisite: CSCI 3300 or permission from the instructor. Once a year.

4320 COMPILER CONSTRUCTION An elective for majors. Mathematical foundations of compilers, grammars, trees, parsing fundamentals, finite-state automata top-down parsing, bottom-up parsing, syntax-directed translation, symbols tables, run-time machine models, object code generation, and optimization techniques. Prerequisite: CSCI 3370. Spring or fall.

4340 INTRODUCTION TO PARALLEL PROGRAMMING An elective course for majors that introduces algorithms, data structures, and techniques of parallel computation. Topics include: common types of parallel hardware, principles of parallel system design, communication topologies, development and testing of parallel programs, design of parallel algorithms, and problems associated with distributed parallelism. Prerequisite: CSCI 2440, 3330. Spring or fall.

4350 COMPUTER GRAPHICS An elective for majors that introduces fundamental interactive 3D computer graphics programming techniques using OpenGL library. This is a programming intensive course. Prerequisites: CSCI 2320 and MATH 3320. Fall or spring.

4353 INTRODUCTION TO MULTIMEDIA COMPUTING This course introduces the concepts, principles, and the state-of-the-art technologies related to multimedia computing, including graphics, audio, image, video, animation, text, etc. Topics will include multimedia information capture, digitization, compression, network communication, and practical applications. Prerequisite: CSCI 3330. Fall or spring.

4355 DISTRIBUTED OBJECT COMPUTING An elective for majors that introduces distributed-object computing and its use in client/server and real-world computing applications. It presents the fundamental concepts of distributed-object computing with applications in internet computing. Prerequisites: CSCI 3335 co-requisite: CSCI 4300. Fall or spring.

4360 SPECIAL TOPICS IN COMPUTER SCIENCE An elective for majors that studies new and advanced topics in computer science. Prerequisite: upper level statu and consent of instructor. Fall or spring.

4365 WEB TECHNOLOGY An elective course for majors. This course is designed to familiarize students with concepts and techniques surrounding the building distributed internet web-based applications. The course will introduce interactive client-server web applications that can be built using various types of Interne technologies. The demonstration of database-driven web sites is performed with the software architecture involved in each tier explored in detail. Common-

Gateway-Interfaces are implemented for processing both client and server output data. Security issues and strategies, pertaining to an enterprise-wide web-based application are examined and implemented. Prerequisite: CSCI 3330. Once a year.

4370 DATA MINING An elective course for majors. This course introduces the basic concepts, principles, and the state-of-the-art technologies for Data Mining including Introduction of Data Mining, Data Preprocessing, Data Warehouse, Association Rules, Classification, and Clustering. Specific applications in financial data and Bioinformatics are included. Prerequisite: CSCI 3360. Fall and spring.

4390 THEORY OF COMPUTATION An elective for majors. Introduces the elements of theory of computing covering basics of automata theory, formal language and Turing machines. Prerequisites: CSCI 2320 and MATH 2330. Fall or spring.

4490 SOFTWARE ENGINEERING A required course for majors that introduces basic principles of software engineering, including requirement analysis, specification design, testing, and software maintenance. A non-trivial computer software system from initial concept to a working system is developed in a team environment. Prerequisite: CSCI 3381. Fall.

4195, 4295 INDEPENDENT STUDY An elective for majors. Credit from 1 to 3 hours may be earned in a semester. May be repeated with a change in content for maximum of 6 semester hours. Prerequisite: Consent of instructor.

4395 UNDERGRADUATE RESEARCH An elective for majors. Prerequisite: Upper-level status and consent of instructor.

Economics

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Return to EFIRM

[1] Courses in Economics (ECON)

1310 MODERN POLITICAL ECONOMY An elective course which can satisfy the general education requirements. The mode of instruction is lecture/discussion. Human social order from the economic perspective. Roles and institutions developed in the Western world to deal with problems of scarcity, alternatives, and choice. Major tools of economic analysis and application to diverse social and political problems, both contemporary and historic. Fall, spring, summer.

2310 GLOBAL ENVIRONMENT OF BUSINESS A general education elective in the category of behavioral and social sciences and a required course of all business majors. The mode of instruction is lecture/discussion. Examination of the various economic, institutional, and cultural practices that guide international trade and commerce in the modern world. Includes international institutions, exchange rates, and commercial policy. Fall, spring, summer.

2320 PRINCIPLES OF MACROECONOMICS Required course of all business majors in the business foundation. The mode of instruction is lecture/discussion. Th course is half of the disciplinary core in economics, designed for students who will need competence in interpreting macroeconomic events and forecasting the effects of macroeconomic policies within their major studies and in subsequent careers. It is a study of the market for goods, capital, labor, and money; nationa economic goals and policies. Tools of macroeconomic analysis. Prerequisite: MATH 1390. Fall, spring, summer.

2321 PRINCIPLES OF MICROECONOMICS The course is required of all business majors in business foundation. The mode of instruction is class lecture and discussion. The course is half of the disciplinary core in economics, designed for students who will need competence in employing the tools of economic analys within their major studies and in subsequent careers. It is a study of markets, resource allocation, consumer and producer behavior, production, costs, market structure, and the role of government in markets. Tools of microeconomics analysis. Prerequisite: MATH 1390. Fall, spring, summer.

3301 INTERMEDIATE MICROECONOMICS A required course for the BS degree in economics. Instructional delivery includes both lecture and discussion. The course examines the determination of prices and their role in directing consumption, production, and distribution under both competitive and non-competitive market situations. Prerequisites: ECON 2320 and 2321. Fall.

3302 INTERMEDIATE MACROECONOMICS A required course in the BBA concentration in international trade and the BS in economics. The mode of instruction lecture/discussion. Determinants of aggregate levels of production, employment, and prices. Public policy implications of recent developments in business and the macroeconomy. Prerequisites: ECON 2320 and 2321. Spring.

3310 PUBLIC FINANCE This course is an elective within the economics major, and is presented in a lecture/discussion format. It uses microeconomic tools of analysis to understand how governments raise and spend money. Concepts covered include the influence of government on resource allocation, government response to market failure, public choice, social goods, the nature and extent of government expenditures and revenues, public debt, and the impact of government fiscal policy. Prerequisites: ECON 2320 and 2321. On demand.

3315 LABOR ECONOMICS An elective for majors and minors in economics and business administration, this course applies the elementary tools of economics t the unique characteristics and problems of the labor market. It considers both the demand (employer) and supply (employee) sides of the market to gain an understanding of the impacts of both government programs and private decision making. Specific topics include analysis of the labor force and labor supply, short- and long-run labor demand, wage determination, human capital theory, migration, labor-market discrimination, life-cycle patterns of work, and the effects of unions. The method of instruction is lecture/discussion. Prerequisite: ECON 2321. On demand.

3330 ENVIRONMENTAL ECONOMICS An elective course for economics majors. A lecture/discussion format will be used. There will be an application of economic tools and concepts to describe and explain the efficient use and preservation of natural resources and environmental quality. Topics covered include regulation, cost-benefit, sustainable development, global comparisons, air pollution, species extinction waste products management, and overpopulation. Prerequisite: ECON 1310 or equivalent. On demand.

3335 ECONOMETRICS This course is required for the B.S. in Economics and an elective for the B.B.A. and B.A. economics majors. Students organize data and use empirical methods to better understand economic theories. Students will use the data to test economic theories, to measure the magnitude of important casual relationships, and to predict future economic phenomenon. This course will cover the following topics: Linear Regression, Hypothesis Testing within the Linear Model, Violations of the Classical Assumptions (and how to deal with these violations), Time Series Models, Limited Dependent Variable Models, Simultaneous Equations, and Forecasting. The course will be applications based. Instructors will emphasize using computers and software to analyze data. Prerequisites: QMTH 2330 or another statistics class, and ECON 2320 and ECON 2321, or approval of EFIRM chair. Summer.

3382 INTERNSHIP IN ECONOMICS This is an elective course open to Economics majors. Internships are available to provide students academic credit for

experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved College of Busines student internship. Prerequisite: Junior standing. On demand.

4320 COMPARATIVE ECONOMIC SYSTEMS An elective in the economics major. The mode of instruction is lecture/discussion. Comparative analysis of the theories and practices of major economic systems. Consideration of the role of government in the economy. Economic systems of North America, Japan, and Europe. Prerequisites: ECON 2320 and 2321. Fall.

4335 INTERNATIONAL TRADE A required course for the international trade concentration and an elective for economics majors. Instructional mode includes both lecture and discussion. The course will cover trade theory and policy, foreign exchange systems and markets, the macroeconomic implications of the balance of payments, motivation for trade, gains from trade, and the emergence and impact of free trade zones. Prerequisites: ECON 2320 and 2321. Fall.

4340 MANAGERIAL ECONOMICS An elective course for economics. Instructional mode includes both lecture and discussion. The course focuses on the application of the tools of microeconomic theory to the analysis and solution of managerial problems confronting the business firm. The course utilizes spreadsheets and data analysis and examines alternative pricing strategies and organizational structures of firms and industries. Prerequisites: ECON 2320 and 2321. On demand.

4360 HEALTH CARE ECONOMICS This course is an elective within the economics major. The method of instruction is class lecture and discussion as well as student research, writing, and presentation, using both library and Internet sources. Students learn to apply the tools of economic and financial analysis to numerous current issues in the United States health care system, including market and institutional characteristics of health care delivery, consumer choice and principal-agent relationships in health care, and government programs and policies. Survey of major delivery and financing reform proposals. Prerequisite: ECO 2321. On demand.

4375 ECONOMICS OF DEVELOPING NATIONS This is a required course for the developing nations track in the global core for the BA concentration in international trade. The mode of instruction is lecture/discussion. Important approaches to economic development and analysis of the factors that influence economic growth and development. Emergence of new economic powers in Asia, Latin America, and Europe. Prerequisites: ECON 2320 and 2321. Spring.

4380 SENIOR SEMINAR IN ECONOMICS Designed as the capstone course for the BA and BS economics majors. It should be taken during a student's senior yea The mode of instruction is seminar with active student participation including research presentations and writing of a term paper and shorter papers. The topics covered will vary. Prerequisite: Consent of Instructor or Department Chair. Spring.

4382 INTERNSHIP IN ECONOMICS This is an elective course open to Economic majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be given for this course upon completion of a minimum of 120 contact hours at an approved College of Business student internship. Prerequisite: Senior standing. On demand.

4390 INDEPENDENT STUDY IN ECONOMICS A course required for graduation with departmental honors. This course allows the student to engage in reading and research under the guidance of a faculty member. Prerequisite: Consent of department chair. On demand.

4395 SPECIAL PROBLEMS IN ECONOMICS A course in economics on a special topic or issue. The topic will vary from semester to semester. Prerequisite: consent of department chair. On demand.

Insurance and Risk Management

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Return to EFIRM

[1] Courses in Insurance & Risk Management (INSU)

1300 INTRODUCTION TO INSURANCE This is an elective on-line course. The mode of instruction is lecture and case applications. Practical applications of personal insurance planning and risk management. Special attention to the auto, homeowners, life and health insurance careers in insurance. On demand.

3315 LIFE AND HEALTH INSURANCE This is a required course in the insurance and risk management major. The course covers the nature and importance of li and health risks and the functions or uses of insurance contracts in treating these risks. Included are business insurance, annuities, and estate planning. Primar modes of instruction are lectures and discussions. Prerequisites: INSU 3324 or permission of the instructor. Fall.

3320 PROPERTY AND LIABILITY INSURANCE This is a required course in the insurance and risk management major. The course is designed to aid in the planning and evaluation of the requirements of property and casualty insurance for individual and business firms. Analysis is made of exposures and appropriat insurance coverage. Company operations are examined, and the statistical and mathematical bases for rate-making are explored. Primary modes of instruction are lectures, discussions, and case studies. Prerequisites: INSU 3324 or permission of the instructor. Fall.

3324 RISK AND INSURANCE This is a required course in the insurance and risk management major and an elective course in the Finance major. The mode of instruction is lecture and discussion. Introduction to the basic principles of insurance. Review of the risks that households and businesses experience and the policies used to ensure against these risks. Fall, spring.

3330 SURPLUS LINES AND REINSURANCE This is an elective course for insurance and risk management majors. It provides an overview of the nature and operation of the surplus lines insurance market as well as an introduction to the reinsurance sector of the insurance industry. It examines risk financing techniques, marketing, underwriting, and reinsurance. The method of instruction is lecture and discussion. Prerequisite: INSU 3324. On demand.

3382 INTERNSHIP IN INSURANCE AND RISK MANAGEMENT This is an elective course open to Insurance and Risk Management majors. Internships are availab to provide students academic credit for experiential learning. Three credit hours will be given for this course upon completion of a minimum of 120 contact hours at an approved CBA student internship. Prerequisite: Junior status. On demand.

4310 INTERNSHIP IN INSURANCE AND RISK MANAGEMENT This is an elective course for insurance and risk management majors. Primarily summer internship are available to provide hands-on work experience in an insurance or risk management firm. In addition to gaining valuable insight into career paths, students are required to analyze and report on the firm's operations, strategic plans, and growth prospects. Up to 6 credit hours available (based on 125 hours of employment per credit hour) but not required for graduation. Prerequisite: Senior status. Fall, spring, summer.

4315 EMPLOYEE BENEFITS (cross-listed as MGMT 4315) This is a required course in the insurance and risk management major. The course focuses on the study, design, and administration of group health, disability, life insurance, and retirement plans. Also includes a study of social security and other related programs for mitigating economic losses due to personal and business risk problems. The course also discusses profit-sharing, 401(k) plans, and flexible bene plans. Primary modes of instruction are lectures, discussions, and case studies. Prerequisite: Junior status. Spring.

4320 CORPORATE RISK MANAGEMENT Primarily an applications course that seeks to identify, analyze, and deal with business loss exposures including acts o nature, liability claims, and price risk. Included are selection and application of risk control and risk financing tools such as risk retention, reduction, and transf including insurance and hedging with financial derivatives. Prerequisite: Junior status. Spring.

4325 PROPERTY INSURANCE CLAIMS HANDLING PRINCIPLES & PRACTICES This is an elective course in the insurance and risk management major. This cours is designed to provide an understanding of risk and insurance as it relates to claim professionals, the claim handling process, claim investigation techniques, insurance fraud, good-faith claim handling, ethics, negotiation, and managing litigation. The course examines Persons/Property Insured, Causes of Loss, Adjusting Process and Procedures, Fraud, Residential Construction, Preparing Estimates, Merchandise/Time Element Loss, Auto Physical Damage, and Contractor Equipment. Prerequisites: INSU 3320 and 3324. Offered annually.

4340 INSURANCE OPERATIONS AND REGULATION This is an elective course for insurance and risk management majors. This course is designed as an overvie of insurance company operations and regulation of the insurance industry. Emphasis will be upon regulation, distribution systems, property and liability insurance underwriting, loss control, premium auditing, reinsurance, ratemaking principles and process, insurer financial management, and property and liabilit claims adjusting. Prerequisites: INSU 3324 and INSU 3320, or permission of the instructor. On demand.

4390 INDEPENDENT STUDY IN INSURANCE OR RISK MANAGEMENT An elective in the insurance and risk management major in which students conduct a guided study of an insurance or risk management related topic approved by the supervising faculty. Prerequisite: Consent of department chair. On demand.

4395 SPECIAL TOPICES IN INSURANCE A course in insurance and risk management on a special topic or issue. The topic will vary from semester to semester. Prerequisitie: consent of department chair. On demand.

Management

Undergraduate Bulletin
Document Number 4.01.04(b)

Return to Marketing and Management

[1] Courses in Management (MGMT)

2301 BUSINESS COMMUNICATIONS A required course of all business majors in the business foundation. The course examines the principles of effective communication and provides practice in writing business letters, reports, resumes, and memos; various types of oral presentations; and electronic communications. Lecture/discussion/computer laboratory. Prerequisite: sophomore status. Fall, spring, and summer upon demand.

2341 PRINCIPLES OF MANAGEMENT An elective course not open to business majors. A required course for management minors and an elective course for marketing minors. Students earning a BBA degree will not be given credit for this class. Course examines the responsibilities of the first line supervisor and develops such supervisory techniques and skills as employee communication, decision-making, maintenance of morale, motivation, leadership, worker productivity, and grievance resolution. Lecture/discussion. Fall, spring.

3300 LABOR/MANAGEMENT RELATIONS An elective in the management major and minor. This course will examine labor-management relations in the contemporary US, considering both the internal dynamics of management and the structure and governance of labor unions. An emphasis is placed on the collective bargaining process and on emerging human resource management issues which relate to labor/employee relations in union and non-union organizations. The method of instruction is lecture and discussion. Prerequisite: Consent of instructor. On demand.

3305 SOCIAL ISSUES IN MANAGEMENT An elective course in the management major or minor. This course provides students with an introduction to the social and ethical issues facing managers in a variety of organizational settings. Theories of ethics and social responsibility will be discussed and then applied to real-life settings involving employees, consumers, government, and society. Methods of instruction include lecture, discussion, case studies, and class presentations On demand.

3310 FUNDAMENTALS OF ENTREPRENEURSHIP An elective course for management and marketing majors and minors. This course provides a foundation of knowledge and tools necessary to successfully plan, design, and start a new business venture and to reduce or avoid many of the problems encountered by suc ventures. Lectures, case studies, and discussions are used to examine the issues and problems faced by new business ventures. Prerequisite: Consent of instructor. On demand.

3315 DIVERSITY/MULTICULTURAL COMMUNICATIONS An elective course for management and marketing majors and minors, this course is designed to increase the effectiveness of communication across cultures in today's global business environment. Course content focuses on the application of theory and research in multicultural communication. Specific topics addressed include intercultural communication (between members of different cultures), multicultural communication (among members of various cultures), culture-biased assumptions, contrasting cultural values, communication and negotiation strategies, verba and nonverbal patterns, culture shock, and country-specific information. Discussion based course. On demand.

3340 MANAGING PEOPLE AND WORK A required course for all business majors in the business core. Provides an introduction to policies, organizational behavior, and theories and practices used by managers to reach objectives. Lecture/discussion. Prerequisites: ACCT 2310, 2311; ECON 2320, 2321; QMTH 233 Fall, spring, summer.

3342 INTERNATIONAL BUSINESS An elective course for management and marketing majors and minors. The course involves a study of foreign operations of American firms. Emphasizes the various environments, theories, and institutions in international trade, the strategies of multinationals, and the functional areas of managing international operations. Uses the Internet in researching international business topics. Lecture/discussion format supplemented by student presentations of studies on selected countries. Prerequisite: Consent of instructor. Fall.

3344 MANAGING PRODUCTION AND OPERATIONS A required course in the business core for all business majors except those majoring in accounting. An elective course for management minors. Involves a conceptual and analytical examination of the strategic, functional, and operational decisions made as a part an organization's production/operations function. Lecture/discussion. Prerequisites: ACCT 2310, 2311; ECON 2320, 2321; QMTH 2330. Fall, spring, summer.

3346 PERSONNEL/HUMAN RESOURCE MANAGEMENT A required course in the management major and an elective course in the management minor and marketing minor. Students in the course examine the role of personnel/human resource management in organizations. Emphasizes selection/staffing, employee training and development, performance management, and compensating the organization's human resources. Uses lecture, discussion, and case analysis. Prerequisites: MGMT 3340 or MGMT 2341. Fall, spring.

3349 SMALL BUSINESS MANAGEMENT An elective course for management and marketing majors and minors. Class is intended for students who may form or be employed by a small or family-owned business. Supplements management theory by providing well-balanced coverage of critical small business issues and

practical experience in the determination and solution of actual business problems. Internet applications and undergraduate interaction with business community augment lecture and discussion and are used to examine the issues and problems faced by small and family-owned businesses. Prerequisite: Consent of instructor. Fall.

3350 COMPENSATION ADMINISTRATION An elective in the management major and minor. Course examines the design and administration of compensation systems. Considers general pay-level determinants, job evaluation, wage/salary surveys, monetary incentives, gain-sharing programs, fringe benefit and pensio plans, government regulation of pay structures, and contemporary compensation issues. Lecture/discussion. Prerequisite: MGMT 3340 or MGMT 2341. On demand.

3351 CONTEMPORARY ISSUES IN HUMAN RESOURCE MANAGEMENT An elective in the management major and minor. Course analyzes issues of current importance to human resource managers. Focuses on methods used to maximize effectiveness and equity of human resource activities and identifies complementary policies and programs necessary for implementing such activities. Emphasizes linking of human resource management to the strategic management of the organization. Uses lecture, discussion, and case analysis. Prerequisite: MGMT 3340 or MGMT 2341; and MGMT 3346. On Demand.

3352 PURCHASING AND MATERIALS MANAGEMENT An elective in the management and marketing majors and minors. Course examines the processes and problems involved in acquiring and controlling materials and services. Includes source selection, inventory management, competitive bids and negotiations, measuring purchasing performance, and uses of the Internet. Uses lecture and discussion supplemented by research on realistic procurement problems and on-site visits. Prerequisites: MGMT 3340 or MGMT 2341. On demand.

3365 TRANSPORTATION (cross-listed as MKTG 3365) An elective designed to familiarize students with the importance, characteristics, and nuances of the global and U.S. transportation systems and infrastructures. The course focuses on the role of transportation in the supply chain, the different types of carriers, costing and pricing of transportation, and strategies used by both carriers and shippers. Prerequisites: None. Fall, spring.

3375 SUPPLY CHAIN MANAGEMENT (cross-listed as MKTG 3375) An elective designed to familiarize students with the importance, characteristics, and multi-faceted nature of supply chain management and the strategies through which firms may gain a sustained competitive advantage through its implementation. Th class includes an analysis of business logistics and supply chain principles including customer service, customer service operations, warehouse and distribution center operations, order processing, facility design and operations, information technology in supply chain management, supply chain relationships, the interaction of logistics and other firm processes, and the effects of supply chain management on firm performance. Prerequisites: None. Fall, spring.

3382 INTERNSHIP IN MANAGEMENT An elective in the management major. Internships are available to provide students academic credit for experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved COB Student Internship. Prerequisite: Junior standing. On demand.

4315 EMPLOYEE BENEFITS (cross listed as INSU 4315) An elective course in the management major and minor, the course focuses on the study, design, and administration of group health, disability, life insurance, and retirement plans. Also includes a study of social security and other related programs for mitigating economic losses due to personal and business risk problems. The course also discusses profit-sharing, 401(k) plans, and flexible benefit plans. Primary modes of instruction are lectures, discussions, and case studies. Prerequisite: Junior Status. Fall.

4320 SELECTED TOPICS IN MANAGEMENT An elective course in the management major and minor. The class uses a lecture/discussion approach to examine topics not included in other management courses. Prerequisite: MGMT 3340 or MGMT 2341. On demand.

4341 QUANTITATIVE METHODS IN MANAGEMENT (cross-listed as QMTH 4341) A required course in the management major and an elective course in the management minor. The course emphasizes an understanding of such quantitative aids to decision making as review of probability, linear programming, queuin theory, simulation techniques, network analysis, and Markov analysis. Lecture/discussion. Prerequisite: QMTH 2330. Fall, spring.

4347 MANAGING POLICY AND STRATEGY Designed as the capstone course in the business core, required of all students in the BBA program; should be taken during a student's final semester/term. Provides a review of the basic organizational functions and emphasizes the nature, development, and implementation of an organization's strategy. Uses lecture, discussion, case studies, and organizational simulations (computer simulation may be required) as means of developin decision-making and problem-solving skills. Prerequisites: FINA 3330; MGMT 3340, 3344; MKTG 3350. Fall, spring, summer.

4348 ADVANCED ORGANIZATIONAL BEHAVIOR A required course in the management major and an elective course in the management minor. Students will study individual human behavior, group dynamics, and team building in an organizational environment. Also considers the impact of interpersonal relations on worker productivity and job satisfaction. Uses lecture, discussion, and case analysis. Prerequisite: MGMT 3340 or MGMT 2341. Fall, spring.

4376 NEW VENTURE CREATION This course is the capstone class in the Entrepreneurship major. It has three components: (1) knowledge acquisition and case work; (2) developing a business plan; and (3) preparation and attendance for any guest speakers. This class will be intense and will require meetings outside of class. Developing a business is a dynamic process, as is developing a business plan. The course will require the student acquire in-depth knowledge about markets, product costs, and operating costs, as well as building financial projections and getting feedback from potential customers, investors, employees, and other stakeholders. Prerequisites: ACCT 2376, ACCT 3376, MGMT 2376, and MKTG 3376. Corequisite: FINA 4376. Offered spring semester once per year.

4382 INTERNSHIP IN MANAGEMENT An elective course for management majors. Internships are available to provide students with opportunities for experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved CBA Student Internship. Prerequisite: Senior standing. On demand.

4390 SPECIAL PROBLEMS IN MANAGEMENT An elective course in the management major and minor. Students conduct a guided study of a management-relate topic. Used primarily by students wishing to earn departmental recognition. Prerequisite: Consent of department chair.

Marketing

Undergraduate Bulletin
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Return to Marketing and Management

[1] Courses in Marketing (MKTG)

2350 BASIC MARKETING An elective course not open to business majors. A required course for marketing minors and an elective course for management minors. Students earning a BBA degree will not be given credit for this class. Course is designed to provide the non-business major with an understanding of basic marketing concepts, terminology, technology, processes, and practical applications. The method of instruction includes lectures, discussion, videos, and practical applications of material. Fall, spring.

2376 BUSINESS INNOVATION AND CREATIVE THINKING This course is designed to lead the student through the tasks that are required to successfully build a business around an innovation. More specifically, this course is designed to introduce students to the practices necessary to identify business problems and stimulate and manage the creativity and innovation process in a business. You will be given frameworks and methods for designing, developing, and implementing innovation in real work situations. The aim of the course is to provide you with the perspective and skill base necessary to manage innovation-focused projects, people, and ventures. The course will emphasize how innovation tools and methods can be successfully employed in real work situations. Prerequisite: sophomore standing. Fall, spring.

3350 PRINCIPLES OF MARKETING A required course for all business majors in the business core. The course examines the role of marketing and marketing processes. The student will acquire an understanding of marketing concepts, terminology, associated technologies, practical applications, and how marketing relates to other business functions. The method of instruction includes lectures, discussion, and practical applications of material. Prerequisites: ACCT 2310, 2311; ECON 2320, 2321; QMTH 2330. Fall, spring, summer.

3351 RETAIL MANAGEMENT An elective in the marketing and management majors and minors. The course is intended for students interested in key aspects o retail management. A lecture/discussion format is used to consider store-based and non-store retailing, retail market and financial strategy, retail location and site selection strategy, merchandise management, budgeting, retail buying, pricing, and customer service. Prerequisite: MKTG 3350 or MKTG 2350. Fall.

3356 FASHION MERCHANDISING AND E-COMMERCE An elective in the marketing major and minor. The course examines marketing fundamentals, retailing, and salesmanship as applied to the merchandising of fashion goods. Considerable emphasis on e-commerce, field trips, and guest lecturers. Class lecture and discussion are supplemented by students' going to market and presenting research dealing with fashion to designers. Prerequisite: Consent of instructor. Spring

3360 FUNDAMENTALS OF STRATEGIC SELLING An elective course in the marketing major. The course is offered to those students who want a deeper understanding of how personal selling and sales management relate to the other functional business areas. It examines strategic selling concepts and fundamental practices. The course explores terminology, associated technology (including information technology), and practical applications. Methods of instruction include lecture, discussion, workshops, and a semester project. Prerequisite: MKTG 2350, 3350, or consent of instructor. On demand.

3365 TRANSPORTATION (cross-listed as MGMT 3365) An elective designed to familiarize students with the importance, characteristics, and nuances of the global and U.S. transportation systems and infrastructures. The course focuses on the role of transportation in the supply chain, the different types of carriers, costing and pricing of transportation, and strategies used by both carriers and shippers. Prerequisites: None. Fall, spring.

3371 ADVERTISING An elective course in the marketing major and minor. Course examines advertising concepts, campaign strategy, media mix, advertising research, preparation of advertising copy, agency descriptions, and the relationship of advertising to the marketing mix. Uses a mix of lecture, discussion, and required group project. Prerequisite: MKTG 3350 or MKTG 2350. Fall.

3372 SALES MANAGEMENT An elective course in the marketing and management majors and minors. Course examines the administration of the sales force an the techniques of personal selling. Uses lecture, discussion, and a required sales presentation. Prerequisite: MKTG 3350 or MKTG 2350. On demand.

3373 PUBLIC RELATIONS An elective course in the marketing major and minor. Course surveys public relations strategies and tactics used as management too and analyzes methods employed by profit and nonprofit organizations relating to stockholders, prospective investors, employees, communities, customers, and government agencies. Uses lecture, discussion, and a required group project. Prerequisite: MKTG 3350 or MKTG 2350. Spring.

3375 SUPPLY CHAIN MANAGEMENT (cross-listed as MGMT 3375) An elective designed to familiarize students with the importance, characteristics, and multi-faceted nature of supply chain management and the stragegies through which firms may gain a sustained competitive advantage through its implementation. This class includes an analysis of business logistics and supply chain principles including customer service, customer service operations, warehouse and distribution center operations, order processing, facility design and operations, information technology in supply chain management, supply chain relationships the interaction of logistics and other firm processes, and the effects of supply chain management on firm performance. Prerequisites: None. Fall, spring.

3376 NEW PRODUCT DEVELOPMENT This course serves as the second course in the idea generation sequence of the Innovation and Entrepreneurship program It builds upon and expands the creative mind set, techniques, and collaborative processes acquired in the Business Innovation and Creative Thinking course.

This course teaches and provides a complete hands-on experience of the total design process-- consumer empathy and insights, problem framing and definition, development of options and ideas, prototypes, and iterations--that will result in a number of new products and services ideas. Prerequisites: MKTG 2376; Junior standing. Fall.

3382 INTERNSHIP IN MARKETING An elective in the marketing major. Internships are available to provide students academic credit for experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved CBA Student Internship. Prerequisite: Junior standing. On demand.

4320 SELECTED TOPICS IN MARKETING An elective course in the marketing major and minor. Course uses a lecture/discussion approach to examine topics no included in other marketing courses. Prerequisite: MKTG 3350 or MKTG 2350. On demand.

4353 MARKETING RESEARCH AND DATA MANAGEMENT A required course in the marketing major. Course involves the application of research methodology t marketing and management problems. Includes research design, questionnaire construction, sample design, and quantitative data analysis. The goal of the course is to give students the tools either to perform marketing research projects or to interpret the output of such projects. The course involves lecture, discussion, several workshops, computer applications via SPSS, and a group project. Prerequisite: MKTG 3350. Fall, spring.

4354 CUSTOMER BEHAVIOR A required course in the marketing major. Examines demographic, psychographic, and cultural forces that influence the behavior customers. Includes internal and external forces and explains the consumer decision process. Uses lecture, discussion, and a required group project. Prerequisite: MKTG 3350. Fall, spring.

4355 MARKETING MANAGEMENT A required course in the marketing major and an elective in the management major. Focuses on applying marketing concept to business cases and studying the managerial implications of product, pricing, distribution, promotion, and their relationships to customers and business environment. Uses lecture, discussion, and student group work/presentations. Prerequisites: MKTG 3350 plus 6 hours of marketing or consent of instructor. Fa spring.

4360 HEALTH CARE MARKETING An elective in the marketing major and minor. Course uses applications of basic theoretical and practical marketing knowledg to the health care industry and gives students an exposure to contemporary health care marketing literature. The goal of the course is to orient students to the marketing and management of health care services. The format of the course includes lecture, discussion, presentations by health care practitioners, and an in-depth examination of health care marketing and management literature. Prerequisite: Consent of instructor. Fall.

4361 MARKETING PLANNING FOR HEALTH CARE ORGANIZATIONS An elective in the marketing major and minor. Examines the process of developing a healt care marketing plan and has the goal of equipping students with the knowledge of how to construct a business marketing plan. Uses a combination of lecture, discussion, presentations by health care practitioners, case studies, and a group project, which involves writing a business marketing plan for a health care institution. Prerequisite: Consent of instructor. Spring.

4362 SERVICES MARKETING An elective course in the marketing major and minor. The course involves the study of marketing in the context of service industries. Special attention will be placed on the unique characteristics of services, as opposed to products, and the importance of services in the US economy. Several of the major services industries (banking, airlines, health care, electronic brokerage) will be specifically examined. The goal of this class is to give students an in-depth knowledge of the services industry. Uses a combination of lecture, discussion, case studies, and a group project. Prerequisite: MKTG 2350 or MKTG 3350. On demand.

4370 FUNDAMENTALS OF DIRECT MARKETING An elective course in the marketing major and minor. The course provides an understanding of the strategies, tactics, processes, and technologies associated with direct marketing. Lectures, videos, and practical exercises are used in examining fundamental concepts, principles, business considerations, and associated practical applications. Prerequisite: MKTG 2350, MKTG 3350 or consent of instructor. Fall, spring.

4382 INTERNSHIP IN MARKETING An elective course for marketing majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved CBA Student Internship. Prerequisite: Senior standing. On demand.

4390 SPECIAL PROBLEMS IN MARKETING An elective course in the marketing major and minor. Students conduct a guided study of a marketing-related topic. Used primarily by students wishing to earn departmental recognition. Prerequisite: Consent of department chair.

Management Information Systems

Undergraduate Bulletin
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Return to MIS

[1] Courses in Management Information Systems (MIS)

2343 DESKTOP DECISION SUPPORT TECHNOLOGIES (formerly INFO 2343 INFORMATION PROCESSING AND ANALYSIS) This course is required for all business majors as a part of the business foundation. The course is designed to build competency in desktop tools for use in making business decisions. The primary focus is learning significant spreadsheet competence augmented with an introduction to desktop database software. Classes are conducted in a networked computer laboratory using current desktop decision-support software such as Microsoft Excel and Access. Prerequisite: Knowledge of keyboarding and basic spreadsheet skills. Fall, spring, summer.

3300 INTRODUCTION TO COMPUTER ARCHITECTURE AND PROGRAMMING Either MIS 1370 or CSCI 1470 is required for all MIS majors and minors as a foundation to programming. The goal of MIS 1370 is to provide the student with an introduction to the inner workings of digital computers from both a hardwa and a software perspective. The hardware focus is primarily on the central processor and primary memory with less emphasis on input and output. The software focus builds from elemental machine language through assembly and the C programming language. MIS 1370 is not intended to replace a course in C programming and, in fact, is recommended as preparation for the study of any high-level programming language. Fall, spring.

3301 COBOL I This course is required for majors in the Programmer/Analyst track and minors. The course is an elective option for majors in the GIS/Spatial Systems track. Students learn COBOL programming through lab activities, programming clinics, and lectures. This course emphasizes programming logic and well-structured, modular, and informatively documented programs that produce well-formatted business reports. Program design is achieved through program plans, structure charts, and printer spacing charts. Fall, spring.

3321 MANAGING SYSTEMS AND TECHNOLOGY This course is required for all business majors as a part of the business core (accounting majors must take Accounting Information Systems which can replace this course). The course introduces students to management information systems concepts from an enterprise-wide perspective. The course explores the integration of information systems in business to support decision-making in light of current information technology. The primary mode of instruction is discussion and lecture, with other activities serving a supporting role. Fall, spring, summer.

3322 INTRODUCTION TO MINICOMPUTERS This course is an elective in some of the MIS tracks and is intended for students interested in learning mid-range computing applications with the IBM AS/400. The course requires knowledge of Windows and introduces students to AS/400 commands, procedures, and programs through lecture, demonstration, and practice. Prerequisite: MIS 1370 or CSCI 1470. On demand.

3328 SYSTEMS ANALYSIS AND DESIGN This course is the required writing intensive course for all MIS majors and minors. The course introduces students to th systems development life cycle, structured analysis, design tools and techniques, and a CASE tool to apply the concepts learned. Course delivery is primarily through lecture supported by a CASE project. Prerequisite: MIS 3321. Fall, spring.

3343 ADVANCED SPREADSHEET APPLICATIONS This course is an elective in the College of Business. This course is both a concept and computer-applications course relying heavily on applying an understanding of the concepts with computer software. The course will employ lectures, projects, labs, and class discussion. Students work individually and in teams. Lectures emphasize not only the conceptual and managerial aspects of analysis, but the software aspects to solve problems and analyze data. The course is a much advanced continuation of MIS 2343 Desktop Decision Support Technology. It examines, in detail, the spreadsheet tool of Pivot Tables and Pivot Charts, performing advanced calculations, and integrating spreadsheets with databases. Upon completion of the course, you will be able to build advanced pivot tables to analyze data using data mining techniques, analyze spreadsheet information using databases, and us Visual Basic (VBA) to maneuver data between spreadsheets and databases. During the semester, you will have the opportunity to work on a project of your own where you will be able to demonstrate your understanding of the course objectives. Lecture/discussion/lab. Prerequisite: MIS 2343. Offered once a year.

3350 PROJECT MANAGEMENT This course is both a concept and computer-application course relying heavily on applying the understanding of the concepts with computer software. The course will employ lectures, case review, team projects, and class discussion. Students work individually and in teams. Lectures emphasize not only the managerial aspects, but the software aspects to solve problems and manage projects. An emphasis is placed on the nine knowledge areas: project integration, scope, time, cost, quality, human resources, communication, risk and procurement management. Upon completion of the course, you will be able to apply Project Management techniques and use Microsoft Project to develop timelines, network diagrams, and critical path analysis. During the semester, students will have the opportunity to work on a project of their own where they will demonstrate understanding of the course objectives. Lecture/discussion. This course is an elective in the College of Business and in the MIS Department. Prerequisites: QMTH 2330 and MIS 2343. Fall.

3360 PRINCIPLES OF INFORMATION SECURITY This elective course offers an in-depth study of the nature of organizational information security issues as well as exposure to the various aspects of developing, planning, and implementing an organizational information security program. It has broad applicability to

managers, IT personnel, and line workers alike as much of today's "knowledge work" centers around the handling of digital and organizational data and information. In addition to providing exposure to the realm of information security topics, the course also allows for hands-on lab exercises that bring the topi to life. Specifically, students will be exposed to topics such as risk management methods and processes, tradeoffs between security goals and organizational goals, network security tools and technologies, and contemporary legal, ethical, and professional issues in information security. Offered once a year.

3362 PROGRAMMING IN VISUAL BASIC This is a required course for all management information systems majors and minors. Majors in the Telecommunication & Computer Networks track can take CSCI 1480 instead. This course uses event-driven techniques to design and code programs for graphical user interfaces. Fundamental programming concepts and system development issues are taught through the use of computer-based applications development. Fall, spring, summer.

3363 TELECOMMUNICATIONS AND COMPUTER NETWORKS This is a required course for all management information systems majors and an elective option f MIS minors, other business majors, and other interested students. This course provides an introduction to telecommunication standards and networking options available to organizations. Lecture/discussion/application format is used. Prerequisites: None. Fall, spring, summer.

3365 DATABASE APPLICATIONS This course is required for all MIS majors and an elective option for MIS minors. The course emphasizes the creation, maintenance, interrogation, and use of PC-based relational database software to manage business data. The primary modes of instruction are lecture and computer-based database development activities. Prerequisites: MIS 2343 and 3321. Fall, spring.

3366 WEB SITE DEVELOPMENT This course is required for majors in the Web Development/E-Commerce track and an elective option for majors in the other tracks. The course is intended for students interested in learning about web page design concepts, web server support, and FTP techniques. The instructor assumes knowledge of Windows and the Internet and introduces students to the development of web pages using HTML and other web design enhancing tools (such as JavaScript, DHTML, CSS, XML, etc.) through lecture, demonstration, and practice in a networked computer lab. Prerequisite: Knowledge of Windows and the Internet. Fall, spring.

3382 INTERNSHIP IN MANAGEMENT INFORMATION SYSTEMS This course is an elective for all MIS majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be given for this course upon successful completion of a minimum of 120 contact hours at an approved College of Business student internship. Prerequisites: Junior status, Consent of department chair. Fall, spring, summer.

4180, 4280, 4380 MIS PROJECT These courses are potential electives for all Management Information Systems majors and are used for students who desire to complete a project. Prerequisite: Consent of department chair. On demand.

4301 COBOL II This advanced course is an elective for majors in the Programmer/Analyst track and minors. The course provides instruction in advanced programming through lab activities, programming clinics, and lectures. Concepts such as complex iteration, control breaks, data validation, table handling, updating a master file, sequential, indexed, and relative file processing, sorting, searching (algorithms and syntax), program calls, string manipulation, and elements of object-oriented programming are discussed and practiced. This course assumes a working knowledge of COBOL. Prerequisite: Minimum of C in MIS 3301. Spring.

4329 DATABASE MANAGEMENT SYSTEMS This course is required for majors in the Programmer/Analyst track and an elective option for the other track majors and minors. The instructor assumes a basic knowledge of computer programming, systems analysis and design, and a general knowledge of computer systems and database management concepts. The course provides a review of database analysis, design, and implementation with emphasis on the relational database model. Concepts are applied using the ORACLE software package. The primary instruction method is lecture along with laboratory exercises and projects. Prerequisites: MIS 3365, and a knowledge of computer programming. Spring.

4339 PROGRAMMING IN JAVA This course is required for majors in the Web Development/E-Commerce track and the Telecommunications & Computer Networks track. MIS 4339 is an elective option for majors in the other tracks and minors. In this course students examine the JAVA programming language. Lecture and discussion are supplemented through applications of software packages and student-written programs. Fall, spring.

4350 INFORMATION SYSTEMS TECHNOLOGY This course is an elective option for majors in all of the tracks except Telecommunications & Computer Network (that track has no general electives in the major). The intent of the course is to provide a capstone learning experience which uses and builds on concepts acquired in prerequisite courses. Primary modes of instruction include discussion and lecture with computer-based activities serving a supporting role. Class presentations and case studies are commonly a part of this class. Prerequisites: MIS 1370 or CSCI 1470; MIS 3321, MIS 3328. On demand.

4362 SPECIAL TOPICS IN VISUAL BASIC.NET This course is an elective option for majors in all of the tracks, and minors (the Telecommunications & Computer Networks track has no general electives in the major). The course provides students with the opportunity to go beyond the basics of VB.Net and learn tools and techniques useful to VB.Net programmers. The course builds on MIS 3362 to provide students exposure to accessing and updating a relational database, buildi Web applications, creating browser-based Help files, creating professional-looking reports and more. Prerequisites: C or better in MIS 3362. Fall.

4363 WIRELINE AND WIRELESS TELECOMMUNICATIONS This course is required for all Telecommunication & Computer Networks track majors. The course builds on MIS 3363 to provide an overall familiarity with the infrastructure of both wireline and wireless telecommunications systems. Telephone systems will be examined from a historical perspective, current status, and future expectations. Legislative actions that have impacted the telephone industry such as the

breakup of AT&T, the Telecommunications Act of 1996 (which sets the framework for the current telephone system), and proposed legislative actions such as Internet taxation will be covered. The convergence of wireline, wireless and voice over the Internet (VoIP) will be examined. Various telecommunications protoco such as SONET, ATM, frame relay, Ipv6, Ipv4, and Ethernet will be examined. Telephony services (ISDN, DSL, cable, wireless) will be discussed. Packet switching versus circuit switching applications and wireless application programming with XML, WML, and micro browsers for wireless and cellular devices will also be discussed. Prerequisites: C or better in MIS 3363. Fall.

4366 E-COMMERCE AND ADVANCED WEBSITE DEVELOPMENT This course is required for MIS majors in the Web Development/E-Commerce track and an elective option for majors in the Programmer/Analyst track and minors. The course provides students the opportunity to go beyond the basics of HTML, JavaScript, and XML, by learning tools and techniques useful in Web design and development for Intranets, Extranets and the Internet, with attention to E-Commerce. The course is designed to help meet the needs of those students who hope to become Website designers, developers or managers. The course content should help students integrate materials and learning experiences from prerequisite courses to develop Web design and development skills valuable in the private or public sector. C or better in MIS 3366. Fall.

4367 ADVANCED WEB DESIGN WITH DATABASES This course is an elective in the College of Business. It is both a concept and computer-applications course relying heavily on applying an understanding of the concepts with computer software. The course will employ lectures, projects, labs, and class discussion. This course concentrates on the linkage between web browsers (such as Internet Explorer or Firefox), web servers (such as Apache), and a back-end database. Many (if not most) organizational web sites allow users to interact, such as purchasing something online or adding an email address. These interactions require the web server to connect to and use a database. This course covers writing web server programs that receive information from a web browser and connecting/interacting with a database, in a computer language such as PHP. Upon completion of the course, you will be able to set up a web server and intera with both a browser and database. While knowledge of databases is recommended, it is not required. Lecture/discussion/lab. Prerequisite: MIS 3366. Offered once a year.

4370 ADVANCED TOPICS IN INFORMATION SYSTEMS This course is an elective option for majors in the Programmer/Analyst track and the End-User/Internet track. In this course students investigate timely advanced information systems topics. Teaching methodology can include lecture, projects, presentation, and research as appropriate for the current topics selected by the instructor. Prerequisites: MIS 3321 and 3328. On demand.

4382 INTERNSHIP IN MANAGEMENT INFORMATION SYSTEMS This course is an elective for all MIS majors. Internships are available to provide students academic credit for experiential learning. Three credit hours will be given for this course upon successful completion of a minimum of 120 contact hours at an approved College of Business student internship. Prerequisites: Senior status, Consent of department chair. Fall, spring, summer.

4390 SPECIAL PROBLEMS IN MANAGEMENT INFORMATION SYSTEMS This course is an elective option for majors in all tracks used by students wishing to ear departmental recognition in MIS. Students conduct a guided study of an information systems topic. Students must be invited to enroll in MIS 4390 by an MIS professor. Prerequisite: Consent of department chair.

Quantitative Methods

Undergraduate Bulletin
Document Number 4.01.05(b)

Return to College of Business Administration or MIS

[1] Courses in Quantitative Methods (QMTH)

2330 BUSINESS STATISTICS This is a required course for all business majors as a part of the business foundation. The mode of instruction is lecture, working problems, and discussion. This course includes an introduction to descriptive statistics, probability theory (theoretical and empirical), discrete and continuous distributions, estimation, and sampling concepts. An emphasis is placed on hypothesis testing including type I and type II errors. Prerequisite: MATH 1395. Fall spring, summer.

3325 DATA ANALYSIS This is the computer-applications course required for all finance management majors. Lectures emphasize computer use to solve problems and interpretation of results. The course includes in-depth study of chi-square goodness of fit, contingency tables, and other nonparametric methods An emphasis is placed on time series analysis, indexes, simple and multiple regression analysis, and analysis of variance. Prerequisite: QMTH 2330 or equivalen Fall, spring.

4341 QUANTITATIVE METHODS IN MANAGEMENT (cross-listed as MGMT 4341) The course emphasizes quantitative aids to decision making including a revie of probability, linear programming, queuing theory, simulation techniques, network analysis, and Markov analysis. Lecture/discussion. Prerequisite: QMTH 2330 On demand.

Education

Return to College of Education | Early Chilhood and Special Education | Teaching,and Learning

[1] Courses in Education (EDUC)

1100 STEP 1: INQUIRY APPROACHES TO TEACHING This course allows students to explore teaching as a career at no cost. The course instructor introduces students to the theory and practice behind exemplary inquiry-based science and mathematics instruction, guides them through the process of designing and preparing to teach lessons in local, high-need third-grade through sixth-grade classrooms to obtain firsthand experience in planning and implementation, and assesses their progress toward course objectives. Fall, spring.

1101 STEP 2: INQUIRY-BASED LESSON DESIGN This course allows students to continue to develop the lesson planning skills learned in Step 1 as they become familiar with exemplary middle school (grades 6 - 8) mathematics and science curricula. After observing a lesson being taught in a local school district classroom, students work alone, or in pairs, and teach three inquiry-based lessons to middle school students in grades six through eighth. Prerequisite: EDUC 1100. Fall, spring.

1240 BASIC EDUCATIONAL TECHNOLOGY SKILLS A required course for teacher candidates who need an introduction to computer and information literacy. Candidates develop competency in word processing, spreadsheets, desktop publishing, presentation software, and Internet utilization through laboratory activities. Candidates must take a basic computer literacy skills competency exam for admission to teacher education. Candidates who do not receive a passing score on the competency exam must enroll in this course. Fall, spring and summer.

1300 EDUCATION AS A PROFESSION A required course for education candidates for admission into the teacher education program. The course is designed to help students explore their motivation for teaching; overview the structure of the American public school, both as an institution within itself and as an agency o society; gain a sense of the changing nature of schooling; and understand the UCA teaching program. A field experience is required. Fall, spring, summer.

1301 KNOWING AND LEARNING IN MATHEMATICS AND SCIENCE This course seeks to develop a tool kit of powerful approaches to knowing and learning in mathematics and science. This course focuses on issues of what it means to learn and know science and mathematics.

3309 CULTURAL PERSPECTIVES: FAMILY, SCHOOL, AND COMMUNITY PARTNERSHIPS This course examines the theory, research, and practice of school, family, and community partnerships. It is designed to equip future educators with the knowledge and skills needed to form meaningful relationships with students' families, schools, and community members. Course goals will be accomplished through the use of lecture, discussion, and field experiences. This course is part of the ESL endorsement. Fall, spring, summer.

3320 INTRODUCTORY STRATEGIES FOR STUDENTS WITH DIVERSE LEARNING NEEDS: P-4 Introduces diverse populations through the study of the learning and emotional development of students with exceptionalities (i.e., disabilities and gifted/talented). Characteristics of exceptionalities, instructional strategies, modifications and accommodations, and current educational trends are addressed. Although a lecture format will primarily be used, candidates are expected to participate in small and large group discussions. This course is the first part of a two-semester sequence that prepares teacher education candidates to teach students with diverse learning needs. Prerequisites: Admission into the teacher education program. Fall, spring. Course restricted to P-4 majors only.

3321 INTRODUCTORY STRATEGIES FOR STUDENTS WITH DIVERSE LEARNING NEEDS: MIDDLE/SECONDARY Introduces diverse populations through the stuc of the learning and emotional development of students with exceptionalities (i.e., disabilities and gifted/talented). Characteristics of exceptionalities, instruction strategies, modifications and accommodations, and current educational trends are addressed. Although a lecture format will primarily be used, candidates are expected to participate in small and large group discussions. Prerequisites: Admission into the teacher education program. Fall, spring, summer. Course restricted to Middle/Secondary Education majors only.

4210 INTEGRATION OF TECHNOLOGY INTO TEACHING & LEARNING This course is designed to integrate technology into classrooms specifically to enhance the instruction and learning for all grade levels (P-12) and academic disciplines. Teacher candidates will demonstrate the use of technology to plan, assess, and conduct classroom activities, and to make connections between technology and specific grade levels and disciplines. This course is to be taken in conjunction with Internship I and/or the content methods course. Students must be advised of the appropriate semester to take the course according to program requirements. Prerequisite: Admission to Teacher Education. Fall, spring.

Early Childhood and Special Education

Return to Early Childhood and Special Education

[1] Courses in Early Childhood and Special Education (ECSE)

3300 FOUNDATIONS OF EARLY CHILDHOOD EDUCATION This course is taken as part of the pre-professional education block and is required for admission into the Teacher Education Program. The course introduces candidates to the various roles assumed by teachers, including the role as childhood historian, child development specialist, curriculum developer, learning facilitator, child and family advocate, and education evaluator. Lectures, discussions, computer research, videotaped presentations, demonstrations, and field experiences are central to course development. Fall, spring. Course restricted to P-4 majors only.

3301 EARLY DEVELOPMENT AND LEARNING THEORIES This course is taken as part of the education block and upon admission to teacher education. The course introduces candidates to the cognitive, social, emotional, physical, and language development of young children including those with disabilities, developmental delays, special abilities, and diverse backgrounds. Lectures, discussions, videotaped presentations, demonstrations, and field experiences are central to this course. Fall, spring. Course restricted to P-4 majors only.

4307 INSTRUCTIONAL PROGRAMMING AND TECHNIQUES FOR YOUNG DIVERSE LEARNERS This course is taken as part of Junior Block. The course is design to prepare candidates to meet the needs of young diverse learners in the general education setting. This courses is the second part of a two-semester sequence that prepares teacher education candidates to meed the needs of diverse learners. Through acquiring the necessary foundation of skill, the candidate will be able to function more effectively in designing and delivering modifications and accommodations for diverse learners. Modifications are presented in the areas o assessing, planning, classroom arrangement, collaborative learning, textbook, curricular, assignments, and giving directions. Prerequisite(s): EDUC 3320 and courses previous to admission to Junior Block. Fall, spring. Courses restricted to P-4 majors only.

4309 CLASSROOM MANAGEMENT FOR P-4 This course is taken as part of the Junior block. This course is the first part of a two-semester sequence that prepares teacher education candidates in behavior guidance and classroom management in the P-4 classroom. The course introduces candidates to the strategies, skills, procedures, and models for managing the classroom. Prerequisites: Courses previous to admission to Junior block. Fall, spring. Course restricted to P-4 majors only.

4311 READING/LITERACY INSTRUCTION This course is taken as part of the Junior block. This course is the first part of a two-semester sequence that prepare teacher education candidates to teach reading/writing in the P-4 classroom. The course develops a knowledge base related to emerging literacy and the specific competencies necessary for successful reading/writing instruction within a variety of classroom situations and with diverse populations. Prerequisite(s): Courses previous to admission to Junior block. Fall, spring. Course restricted to P-4 majors only.

4315 INSTRUCTIONAL STRATEGIES FOR LANGUAGE ARTS AND SOCIAL STUDIES ECE This course is taken as part of Junior Block. This course focuses on the development and implementation of language arts and social studies strategies and materials using developmentally appropriate techniques that are professionally compatible with current research and practice. The diverse needs of the child and the integration of the curriculum are stressed in the implementation of teaching materials and strategies. Prerequisite(s): Courses previous to Junior block. Fall, spring. Course restricted to P-4 majors only.

4316 INSTRUCTIONAL STRATEGIES FOR MATH AND SCIENCE ECE This course is taken as part of Internship I. This course focuses on the development and implementation of math and science strategies and materials using developmentally appropriate techniques that are professionally compatible with current research and practice. The diverse needs of the child and the integration of the curriculum are stressed in the implementation of teaching materials and strategies. Prerequisite: All Junior Block courses and requirements must be completed before entering Internship I. Fall, spring. Course restricted to P-4 majors only.

4318 INTERNSHIP I IN EARLY CHILDHOOD EDUCATION This course is part of the Internship I semester for candidates in early childhood education. The cours involves field projects, field seminars, and supervised teaching where candidates gain experience in organizing instruction, in creating a productive learning environment, and in achieving professional behaviors. Prerequisite: All Junior Block courses and requirements must be completed before entering Internship I. Course restricted to P-4 majors only.

4319 GUIDANCE AND BEHAVIOR MANAGEMENT This course is taken as part of Internship I. This course is the second part of a two-semester sequence that prepares teacher education candidates in behavior guidance and classroom management in the P-4 classroom. The course introduces candidates to the strategies, skills, and models for guiding and managing students. Lectures, discussions, demonstrations, and field experiences are central to the course, which will be conducted on the university and public school campuses. Prerequisite: All Junior Block courses and requirements must be completed before entering Internship I. Fall, spring. Course restricted to P-4 majors only.

4320 PRINCIPLES AND PRACTICES OF READING AND WRITING STRATEGIES This course is taken as part of Internship I. This course is the second part of a two-semester sequence that prepares teacher education candidates to teach reading/writing in the P-4 classroom. This course develops a knowledge base related to the foundations of literacy learning and the specific competencies required for effective reading/writing instruction. The course prepares candidates t

teach the processes of reading and writing to all students by presenting research-based approaches to teaching, materials, formal and informal assessme procedures, strategies to assist students with diverse learning needs and cultural backgrounds, professional practices, and the connection between the reading and writing processes. Lecture, group activities, and field experiences are integral parts of the course that will be taught both on the university campus and within the public school setting. Prerequisite: All Junior Block courses and requirements must be completed before entering Internship I. Fall, spring. Course restricted to P-4 majors only.

4321 WORKING WITH YOUNG CHILDREN WITH DISABILITIES AND THEIR FAMILIES This course will examine state and federal laws governing and regulating early childhood special education, program delivery models, program development, and family involvement. Emphasis is placed on providing the students with knowledge of philosophies, roles, and services of various professionals providing services to young children with special needs. This course will include small group work, class discussion, and lecture. This is a required course for candidates pursuing the Instructional Specialist 0-8 program option. Prerequisite: The Special Education Block of classes is offered once a year in the fall semester. Thus, students must successfully complete Junior Block classes and when appropriate Internship I classes before being allowed to enroll in the Special Education Block. Fall. Course restricted to P-4 SPE majors only.

4322 ASSESSMENT AND INTERVENTION, AGES 0-8 WITH DISABILITIES This course will examine the theory, research, and practices of assessing students wit disabilities in the classroom. The course emphasizes the concept of assessment, the assessment process, assessment options, and the practical skill of using assessment data for educational planning. This course will include cooperative learning, small group work, lecture, and class discussions. This is a required course for candidates pursuing the Instructional Specialist 0-8 program option. Prerequisite: The Special Education Block of classes is offered once a year in the fall semester. Thus, students must successfully complete Junior Block classes and when appropriate Internship I classes before being allowed to enroll in the Special Education Block. Fall. Course restricted to SPE P-4 majors only.

4323 MEDICAL ASPECTS AND EDUCATIONAL PROGRAMMING FOR YOUNG CHILDREN WITH DISABILITIES The purpose of this course is to give candidates a understanding and identification of the medical causes of disabilities and educational implications of those conditions. The course is designed to assist candidates in developing skills in planning curriculum and instruction appropriate for students with significant (moderate to profound) disabilities. This course will include lecture, small group work, and discussion. This is a required course for candidates pursuing the Instructional Specialist 0-8 program option. Prerequisite: The Special Education Block of classes is offered once a year in the fall semester. Thus, students must successfully complete Junior Block classes and when appropriate Internship I classes before being allowed to enroll in the Special Education Block. Fall. Course restricted to P-4 SPE majors only.

4324 PRACTICUM IN SPECIAL EDUCATION The purpose of this course is to expose the teacher candidate to a variety of best practices in special education through interaction with selected special educators in the field. Candidates will also be given opportunities to authentically apply and evaluate current knowledge-based methods and strategies unique to the developmental needs of diverse learners. This course will include field placement and related field assignments. This is a required course for candidates pursuing the Instructional Specialist 0-8 program option. Prerequisite: The Special Education Block of classes is offered once a year in the fall semester. Thus, students must successfully complete Junior Block classes and when appropriate Internship I classes before being allowed to enroll in the Special Education Block. Fall. Course restricted to P-4 SPE majors only.

4330 INTEGRATED CURRICULUM IN EARLY CHILDHOOD EDUCATION This course is taken as part of the Junior block. This course is a study of early childhoo curriculum with developmental bases for learning, teaching, and assessing from both historical and current practices. The changing role of the teacher in developing curriculum for diverse populations will be emphasized. Prerequisite(s): Courses previous to admission to Junior Block. Fall, spring. Course restricted P-4 majors only.

4331 ASSESSMENT IN EARLY CHILDHOOD EDUCATION This course is taken as part of Internship I. This course is a study of early childhood curriculum with developmental bases for learning, teaching, and assessing from both historical and current practices. The changing role of the teacher in developing curriculum for diverse populations will be emphasized. Prerequisite: All Junior Block courses and requirements must be completed before entering Internship I. Fall, spring Course restricted to P-4 majors only.

4603 INTERNSHIP II This course involves teaching under supervision in an elementary public school setting (P-4). Requires full-day involvement and seminars. Taken concurrently with 4604. Prerequisite: Admission to teacher education and successful completion of all professional education courses. Fall, spring. Cours restricted to P-4 majors only.

4604 INTERNSHIP II This course involves teaching under supervision in an elementary public school setting (P-4). Requires full-day involvement and seminars. Taken concurrently with 4603. Prerequisite: Admission to teacher education and successful completion of all professional education courses. Fall, spring. Cours restricted to P-4 majors only.

Business and Marketing Technology Education

Undergraduate Bulletin
Document Number 4.02.03(a)

Return to Teaching and Learning

[1] Courses in Business and Marketing Technology Education (BMTE)

2306 METHODS AND MATERIALS FOR TEACHING OCCUPATIONAL SURVIVAL SKILLS An elective that investigates teaching methods and curriculum materials for teaching occupational survival skills to disadvantaged/handicapped learners through discussion and independent research. On demand.

2320 ADMINISTRATIVE SUPPORT PRACTICES Procedures and concepts used in modern organizations emphasizing public relations, communication, ethics, an current technology are learned through case discussion and experiential exercises. Fall.

2364 ADVANCED KEYBOARDING AND DOCUMENT FORMATTING Using the project method, this course provides students proficiency in the use of word processing software to create classroom, business and industry, and personal documents. Spring.

3364 DESKTOP PUBLISHING AND MULTIMEDIA CONCEPTS Desktop publishing design and layout techniques, photo editing, and animation techniques learned through the creation of various documents and PowerPoint presentations. Hands-on computer sessions, class discussions, and group/individual presentations will be required. Prerequisite: A working knowledge of word processing. Spring.

4325 APPLICATIONS OF COMPUTERS IN EDUCATION AND THE MARKETPLACE Synthesizes the role of the computer in the classroom through a comparison existing computer hardware and software. Fall, Summer.

4340 INTERNSHIP I A required course for Senior Block I where candidates gain experience in supervised teaching, organizing instruction, and field experiences involving cooperative learning activities. Fall.

4359 METHODS OF VOCATIONAL BUSINESS AND MARKETING EDUCATION A requirement for business and marketing technology majors that provides instruction in the methods of teaching vocational business and marketing technology programs through discussion and micro-teaching. Prerequisite: Level I Teacher Education Admission. Fall.

4371 METHODS OF TEACHING BUSINESS AND MARKETING EDUCATION A requirement for the business and marketing technology majors that specifies the materials, methods, and evaluation of business and marketing technology subjects through discussion and micro-teaching. Prerequisite: Level I Teacher Education Admission. Fall.

4390 SPECIAL PROBLEMS IN BUSINESS AND MARKETING EDUCATION An elective that synthesizes readings and research designs for detailed analysis of business and/or marketing technology through independent research. Required for students graduating with honors. Prerequisite: Admission to teacher education and consent of advisor. On demand.

4680 INTERNSHIP II Required course involves teaching under supervision in a middle or secondary school. Prerequisite: Level II Teacher Education Admission. Spring.

4681 INTERNSHIP II Required course involves teaching under supervision in a middle or secondary school. Prerequisite: Level II Teacher Education Admission. Spring.

Art Education

Return to Art

3304 INTRODUCTION TO ART EDUCATION Area studies elective in the major and requirement in the art education emphasis. Early field experience in a variet of instructional activities based on classroom preparation. Studio. Prerequisites: ART 1310 or 2312,1321. Spring.

4260 CONCEPTS OF ART Part of the academic block required of early childhood education candidates. The course will introduce visual arts content for the development and implementation of appropriate art curriculum for early childhood through fourth grade. Lectures, discussion, demonstration, studio, and curriculum design are central to the course. Prerequisite: Admission to teacher education.

4350 ART EDUCATION PRACTICUM Course required in the art education emphasis. Theory and practice in art education for the elementary school. Studio. Prerequisite: ART 3304 Fall.

4361 ART EDUCATION INTERNSHIP I Course required in the art education emphasis. Teaching techniques for secondary schools. Studio. Prerequisites: ART 2140 and admission to teacher education. Fall.

4690 ART EDUCATION INTERNSHIP II Teaching under supervision for majors in art who seek state licensure. Requires full-day involvement and seminars. Prerequisites: Admission to internship program, completion of all professional education and art courses, and successful completion of Praxis II content area exams. Taken concurrently with ART 4691 Art Education Internship II. Fall, spring.

4691 ART EDUCATION INTERNSHIP II Teaching under supervision for majors in art who seek state licensure. Requires full-day involvement and seminars. Prerequisites: Admission to internship program, completion of all professional education and art courses, and successful completion of Praxis II content area exams. Taken concurrently with ART 4690 Art Education Internship II. Fall, spring.

Art History

Return to Art

2300 ART APPRECIATION Part of the general education program to satisfy the fine arts requirement. Significant styles and achievements in the visual arts with study directed toward trends and influences on contemporary society. May not be credited toward a major or minor in art. Lecture. Fall, spring, summer.

2325 ASIAN ART SURVEY Foundation course for majors and minors. Required course for Asian Studies minor. Elective course for Religious Studies majors and minors. Important artistic monuments from India, China, and Japan. Because Buddhism is a connecting link for Asian cultures, emphasis is placed on Buddhist art. Lecture. Fall.

2335 ART HISTORY, PREHISTORIC TO MEDIEVAL Foundation course for majors and minors. The painting, sculpture, and architecture of Western civilization from prehistoric times to the Renaissance. Lecture. Fall, spring.

2336 ART HISTORY, RENAISSANCE TO MODERN Foundation course for majors and minors. The painting, sculpture, and architecture of Western civilization fro the Renaissance to the contemporary. Lecture. Fall, spring.

3105/3205/3305 SPECIAL TOPICS IN ART HISTORY Area studies course for majors and minors. Special topics in art history that are not covered in other course offerings. This may include subject areas or period studies not part of the existing curriculum, or in-depth art historical investigations that are related t and augment the existing curriculum. Travel may be required. Prerequisite: ART 2335 or ART 2336. On demand.

3301 MODERN ART Area studies course for majors and minors. Art from the nineteenth century to the present. Lecture. Fall.

3302 HISTORY OF AMERICAN ART Area studies course for majors and minors. Art since colonial times. Lecture. Spring. .

3303 NINETEENTH CENTURY ART HISTORY Area studies course for majors and minors. European art of the nineteenth century. Lecture. Spring.

3307 ARTS OF AFRICA Area studies course for majors and minors. A survey of the art and architecture of Africa, including the social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring, odd years.

3311 ANCIENT SOUTH AMERICAN ART Area studies course for majors and minors. An in-depth examination of the pre-Columbian art and architecture of South America, including the archaeological, social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring.

3329 ANCIENT MESOAMERICAN ART Area studies course for majors and minors. A survey of the art and architecture of pre-Columbian Mesoamerica and the Greater Antilles, including the social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring, even years.

3335 ART MUSEUM STUDIES Elective course in the art history emphasis. Introduction to the theory and practice of art museums. Lecture/Seminar. Fall.

3365 WOMEN IN ART Area studies course for majors and minors. Survey of women artists from the Renaissance to the contemporary. Lecture. Fall.

3385 ART OF INDIA Area studies course for majors and minors. Elective course for Religious Studies majors and minors and Asian Studies minors. Survey of th important artistic monuments of India, especially the temples and sculptures related to Buddhism and Hinduism. Lecture. On demand.

3395 ART OF JAPAN Area studies course for majors and minors. Elective course for Asian Studies minors. Survey of major Japanese monuments and styles with consideration of the social, political, and religious currents formulating the arts. Lecture. On demand.

4372 SENIOR SEMINAR Major/minor course in an art degree program emphasis. Advanced topics in contemporary art. Seminar. Prerequisites: Senior standing and 9 hours of art history. Fall.

4102, 4202, 4302* DIRECTED STUDY Non-studio course in an art degree program emphasis for majors only. Advanced study and research beyond available courses. Seminar. Prerequisite: Written proposal and departmental approval semester prior to enrollment. Fall, spring. (*NOTE: A maximum of 6 hours of variabl credit courses in art may be applied to the BA degree, 12 hours to the BFA degree.)

4390 SPECIAL STUDIES Art honors course for majors only. Independent study for the exceptional student in research and/or studio art. Seminar. Prerequisite: Invitation of the art faculty. Fall, spring.

Digital Filmmaking

Undergraduate Bulletin
Document Number 4.03.03(a)

Return to Mass Communication and Theatre

[1] Courses in Digital Filmmaking (FILM)

1305 INTRODUCTION TO FILM A required course for majors in digital filmmaking and a pre-requisite for all Digital Filmmaking courses. The course introduce students to basic concepts of cinematic form and genre; stylistic techniques of mise-en-scene, cinematography, editing, and sound; and aesthetic consideration of form, genre, and style. Lectures, readings, and screenings. Prerequisite: None. Fall, spring.

2300 FILM APPRECIATION General education curriculum option for the fine arts requirement. Promotes understanding and appreciation of the art of cinema through study of film style, film history, film genres, and the cultural impact of films. Examines both the theory and practice of filmmaking. Lectures, readings, screenings. Fall, spring.

2310 SCRIPT ANALYSIS A required course for digital filmmaking majors. The course covers analysis, formatting, structure, and construction of the motion picture treatment and screenplay from scene to act level. Character creation and motivation are also addressed. Prerequisites: MCOM 1300 and FILM 1305. Fall spring.

2466 DIGITAL FILMMAKING 1 A required course for digital filmmaking majors. Techniques of digital video production, terminology, and operation of digital video cameras, lenses, lighting, audio recording, and digital editing. Production. Prerequisites: MCOM 1300 and FILM 1305. Fall, spring, summer.

3305 PRODUCTION DESIGN An elective course for digital filmmaking majors and minors. The course introduces students to production design and art directio for digital filmmaking. Topics include understanding basic visual components, the design process, visualization techniques, implementing scenery and costume and the profession of designer. Students are introduced to the impact scenery, light, costume, elements and props have in a completely designed production. Lecture. On demand.

3315 CLASSICAL FILM THEORY A required course for majors in digital filmmaking. A survey of the literature and films associated with what is now considered the classical era of film theory (1916-1958). The course will consider the questions early film theorists asked about the (then) new art form as well as what they offered as answers to their questions. Lectures, readings, discussions, and screenings. Prerequisites: MCOM 1300 and FILM 1305. Fall.

3316 FILM THEORY SINCE 1960 An elective for majors in digital filmmaking. The course is a historical account of theoretical writings about film from the mid-twentieth century to the present, including semiotic, psychoanalytic, Marxist, feminist, and cognitive theories of film. Lectures, readings, discussions, and screenings. Prerequisites: MCOM 1300 and FILM 1305. On demand.

3320 FILM EDITING This is a project-oriented lecture course in non-linear film editing, with an emphasis on classical, continuity editing as a storytelling device Topics include history, aesthetics, techniques, and technical aspects of editing. Elective course. Lecture. Spring.

3350 CINEMA HISTORY 1 A required course for majors in digital filmmaking. History of the motion picture in the silent and early sound era. The events are presented chronologically with screenings of representative films from each decade. The course is international in scope with attention paid to major contributions to cinema from several countries. Topics discussed include the origin of the movies, the acquisition of sound and color, the development of the studio system, as well as trends, movements, and influences. Lectures, readings, discussions and screenings. Prerequisites: MCOM 1300 and FILM 1305. Fall.

3351 CINEMA HISTORY 2 A required course for majors in digital filmmaking. History of the motion picture in the contemporary era. Relevant events of this period are presented chronologically with screenings of representative films from each decade. The course is international in scope with attention paid to major contributions to cinema from several countries. Topics discussed include changes in the national studio systems and the role of independent producers, as well as trends, movements, and influences. Lectures, readings, discussions, and screenings. Prerequisites: MCOM 1300, FILM 1305 and FILM 3350. Spring.

3355 VISUAL EFFECTS COMPOSITING An elective course for digital filmmaking majors and minors. This course introduces the student to the art and science of visual effects compositing for digital filmmaking. Topics covered include the visual effects workflow, video and imaging technology, image processing, matte creation, tracking, re-timing, 2D animation, and 2.5D virtual scenery. Lecture. On demand.

3356 ANIMATION FOR VISUAL EFFECTS An elective course for digital filmmaking majors and minors. This course introduces the student to the art and science of 3D computer animation for pre-rendered and real-time applications. Topics covered include an introduction to planning, modeling, surfacing, lighting, animation, physical simulation, rendering, and compositing 3D renderings for use in film visual effects. Lecture. On demand.

3363 AUDIO PRODUCTION AND DESIGN FOR FILM An elective course for Digital Filmmaking majors and minors. This is a course using audio to support digita filmmaking and storytelling. Students will study and implement the elements of sound design to create full soundtracks for film projects. Students will also learn

to record and mix production audio using different types of microphones and recording equipment. Lecture/Production. Prerequisite: FILM 2466. Fall.

3373 DOCUMENTARY PRODUCTION An elective course for digital filmmaking majors and for mass communication majors with an emphasis in broadcast journalism. An advanced production class on documentary films and documentary filmmaking. Students will be exposed to a variety of documentary films encompassing different subjects and styles and will learn the production process used in the planning, execution, and construction of short format documentar Lecture/Production. Prerequisite: FILM 2466. Spring.

3456 DIGITAL FILMMAKING 2 A required course for majors in digital filmmaking. The course provides students with higher-level aspects of the digital filmmaking process from both technical and narrative points of view. Specific skills learned include computer aided pre-production, exposure control, shot design, three-point lighting technique, digital audio recording, and professional level non-linear picture and sound editing. The focus throughout will be on the use of these skills in narrative story construction. Production. Prerequisite FILM 2310 and 2466. Fall, spring.

4356 DIGITAL FILMMAKING 3 A required course for majors in digital filmmaking. The course provides students with advanced instruction in narrative construction, production pre-visualization, production planning, and production management. Primarily through project participation and execution, students w learn the procedures and skills necessry to collaborate on the planning and management of a digital film production. Prerequisite: FILM 3456. Fall.

4357 DIGITAL FILMMAKING 4 A required course for majors in digital filmmaking. The course provides students with advanced instruction in film production, editing, sound design, color correction, marketing and promotion, and film financing. Primarily through project participation and execution, students will learn the procedures and skills necessary to collaborate on the filming, post-production, and marketing of a digital film production. Prerequsite: FILM 4356. Spring.

4380 SEMINAR IN FILM STUDIES An elective course for digital filmmaking majors. Various topics relevant to non-production filmmaking topics and filmmaking careers. May be repeated for credit. Prerequisites: MCOM 1300 and FILM 1305 and consent of the instructor. On demand.

4392 TOPICS IN DIGITAL PRODUCTION An elective course for majors in digital filmmaking. Special topics in advanced issues of digital productions, including but not limited to pre-production, digital cinematography, directing, and editing. May be repeated for credit. Prerequisite: FILM 2466. On demand.

Journalism

Undergraduate Bulletin
Document Number 4.03.03(d)

Return to Mass Communication and Theatre

[1] Courses in Journalism (JOUR)

1121-4121 PRINT MEDIA APPLICATIONS A required course for mass communication majors and minors with an emphasis in print journalism. Laboratory practice and experience in producing the student newspaper or yearbook. Each level may be repeated for a total of 2 hours credit each. Production. Fall, spring

2123-4123 ELECTRONIC MEDIA APPLICATIONS A required course for mass communication majors and minors with an emphasis in broadcast journalism or online journalism. Practical experience working in the studios of Channel 6 TV or KUCA-FM as a staff member. Each level may be repeated for a total of 2 hour credit each. Production. Fall, spring, summer.

2300 BEGINNING REPORTING A required course for mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Learn news gathering and reporting skills. Involves writing and editing of various types of news stories for publication. Lecture/Production. Prerequisite: WRTG 1320. Fall, spring.

2301 BROADCAST ANNOUNCING An elective course for mass communication majors with an emphasis in broadcast journalism. Training in vocal techniques needed in television and radio announcing, including work with IPA as a means of voice improvement, are emphasized. Attention is given to types of announcin careers with an audition tape being prepared for the career opportunities ahead. Lecture/Production. Spring.

2305 BASIC PRESS PHOTOGRAPHY A required course for mass communication majors with an emphasis in print journalism. Beginning course in theoretical an applied aspects of photojournalism. Includes study of cameras and basic photographic techniques, with an emphasis on black and white darkroom procedures. Assignments will cover making newsworthy and feature photographs for publication. Students will also learn the legal aspects of photojournalism, including libe privacy, and copyright law. Students must provide an adjustable 35 mm or larger camera. Lecture/Production. Fall.

2325 PRINCIPLES OF ONLINE JOURNALISM A required course for mass communication majors and minors with an emphasis in online journalism. Students in this course learn how to report and write for Internet news sites and other online media. Fall.

2340 BROADCAST JOURNALISM PRODUCTION I A required course for mass communication majors and minors with an emphasis in broadcast journalism. An introduction to the techniques of broadcast journalism production, terminology, and operation of digital video cameras, lenses, lighting, audio recording, and non-linear digital editing equipment; and an exploration of the relevant aesthetics and practices of broadcast journalism production. Spring.

3300 ADVANCED REPORTING A required course for mass communication majors with an emphasis in print journalism and an elective course for mass communication majors with an emphasis in broadcast journalism or online journalism. Continued development of reporting skills through the study of specialized beats, including city, county, and state government. Involves study of the organization and functions of state and local government. Students shoulc be available for off-campus assignments. Prerequisite: MCOM 2300. Lecture/Production. Fall, spring.

3305 PUBLICATION DESIGN AND MAKEUP A required course for mass communication majors with an emphasis in print journalism and an elective course for majors with an emphasis in online journalism. Beginning course in using desktop publishing software and related hardware to achieve electronic pagination. Emphasis on newspaper, magazine, and brochure production. Prerequisite: MCOM 2300 or consent of instructor. Lecture/Production. Fall, spring.

3308 NEWS EDITING A required course for mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Introduction of copy-editing techniques for newspaper and magazines. Shows the student the role, the work, and the responsibility of copy editors on newspap and magazine staffs. This course covers the theory of copy editing, with supervised practices in editing copy and writing headlines. Lecture/Production. Prerequisite: MCOM 2300. Spring.

3311 DIGITAL IMAGING A required course for mass communication majors with an emphasis in online journalism and an elective for the broadcast journalism and print journalism emphases, the digital filmmaking program, and the mass communication minor. The course examines the use of current computer softwar for preparation, enhancement, and manipulation of photographs and for creating graphics for publication and illustration purposes in print, web, and broadcast media. Students will need a digital camera with at least four megapixels. Prerequisite: MCOM 2300 and 2305 or consent of instructor. Spring.

3321 INTERNSHIP A 120-hour internship. Required for mass communication majors and an elective for digital filmmaking majors.

3334 NON-FICTION WRITING A required course for mass communication majors with an emphasis in print journalism and an elective for mass communication majors with an emphasis in broadcast journalism. This course combines the skills of feature and magazine writing and looks at writing the in-depth article. The course includes the skills of researching, writing, and marketing the article. Prerequisite: MCOM 2300 or consent of instructor. Spring.

3345 ONLINE PUBLISHING I A required course for mass communication majors and minors with an emphasis in online journalism. An introduction to the World Wide Web with an emphasis on news storytelling. The course focuses on fundamentals of design and usability, creating functional web sites, working with multimedia for the web, and web develepment, including leading scripting and server technologies and content management techniques. Fall.

3346 ONLINE PUBLISHING II A required course for mass communication majors and minors with an emphasis in online journalism. This course provides advanced processes for publishing to the World Wide Web with an emphasis on news storytelling. The course focuses on applying design and usability techniqu to database-driven web sites through use of leading scripting and server technologies and content management systems. Prerequisites: MCOM 2300 and 2305 or consent of instructor. Spring.

3363 AUDIO JOURNALISM An elective course for digital filmmaking majors and mass communication majors with an emphasis in broadcast journalism. Provide in-depth study and practice of advanced audio production techniques for video, film, dramatic presentations, music, and multimedia. Prerequisite: Film 2366 O MCOM 2340. Fall.

3365 BROADCAST MANAGEMENT A required course for mass communication majors with an emphasis in broadcast journalism. The role of the manager in broadcast production, economics, advertising, and regulation. Prerequisite: MCOM 1362 or consent of instructor. Lecture. Spring.

3373 NEWS DOCUMENTARY AND PUBLIC AFFAIRS PRODUCTION An elective for Journalism majors and minors, this course is designed to help journalism students shoot and edit short documentary videos incorporating accuracy, fairness and objectivity in news reporting. The course will stress identification and research topics, as well as preproduction structuring of the projects and production values. Lecture. Prerequisites: Media and Society (MCOM 1300), Beginning Reporting (JOUR 2300), and Broadcast Journalism (JOUR 2340) or permission of the instructor. Fall.

3374 BROADCAST JOURNALISM PRODUCTION II A required course for mass communication majors with an emphasis in broadcast journalism. This course emphasizes techniques of studio production, industry terminology, and the operation of television studio equipment. Students will gain a practical understandin of cameras, lenses, video switchers, audio mixing boards, lighting instrument and character generators. Prerequisite: MCOM 2366 and consent of instructor. Production. Fall, spring.

4313 WRITING FOR ELECTRONIC MEDIA An elective course for digital filmmaking majors and mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Seminar in writing creative material and commercial copy for electronic media. All types of continuity, news, and dramatic material will be included. Prerequisite: MCOM 1362. Lecture/Production. Spring, even years.

4315 BROADCAST JOURNALISM PRODUCTION III A required course for mass communication majors with an emphasis in broadcast journalism and an elective course for digital filmmaking majors. Students will develop proficiency in advanced production processes used in planning, executing, and constructing televisio programs. The primary activity will be the application of these processes in the creation of programming for Channel 6. Production. Prerequisite: MCOM 3374 o consent of instructor. Fall, spring.

4331 IN-DEPTH AND COMPUTER-AIDED REPORTING An elective course for mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. In-depth reporting on public issues, including some reporting for publication. The course undertakes the techniques of investigative and computer-assisted reporting. Students should be available for off-campus assignments. Prerequisite: MCOM 3300. Lecture/Production. Spring

4333 WRITING EDITORIALS AND REVIEWS An elective course for mass communication majors with an emphasis in print journalism. Various approaches to persuasive writing, with final products including newspaper editorials, opinion columns, and reviews of movies, television programs, stage plays, and books. Prerequisite: MCOM 3300 or consent of instructor. Lecture/Production. Fall, odd years.

Mass Communication

Undergraduate Bulletin
Document Number 4.03.03(b)

Return to Mass Communication and Theatre

[1] Courses in Mass Communication (MCOM)

1300 MEDIA AND SOCIETY A required course for mass communication majors. Designed to give entering students in mass communication a comprehensive understanding of the mass media and their roles in contemporary society. The course provides a basic overview of the forms, history, structure, functions, and effects of the various media including both traditional and newer media technologies. Lecture. Fall, spring.

2310 FILM APPRECIATION General education curriculum option for the fine arts requirement. Promotes understanding and appreciation of the art of cinema through study of film style, film history, film genres, and the cultural impact of films. Examines both the theory and practice of filmmaking. Lectures, readings, screenings. Fall, spring.

3122, 3222, 3322 DIRECTED STUDY IN COMMUNICATION An elective course for theatre majors, digital filmmaking majors, and mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Involves concentrated study of a topic or topics to be determined by individua student need. May be repeated for credit. May be used for honors studies with the consent of the department chair. Prerequisite: Consent of the instructor. On demand.

3301 MEDIA LAW AND ETHICS A required course for mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Legal boundaries within which print and electronic professionals must operate and ethical issues in media careers. Prerequisite: MCOM 1300 or consent of instructor. Lecture. Fall Spring.

3302 MEDIA HISTORY An elective course for mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. In-depth study of the development of American mass media. The treatments of major events in American history by the existing media will be discussed. The resultant effects on the media themselves will be analyzed. No prerequisite. Lecture. Spring.

3307 THEORIES OF MASS COMMUNICATION A required course for Journalism majors with Mass Communication Research emphasis and an elective for other majors in Journalism and Digital Filmmaking. Introduces to the students the major theories about mass media, focusing on those theories that have come to influence how we understand the relationship between media and society. Prerequisite: MCOM 1300. Spring and Fall.

3320 INTRODUCTION TO MASS COMMUNICATION RESEARCH METHODS This is a required course for Journalism majors with the Mass Communication Research emphasis and an elective for other Journalism emphases and Digital Filmmaking majors and minors. The course explores the tools and techniques of social scientific research used in the study of mass communication, including surveys, content analysis, and experiment. Students will work on formulating research questions, collecting data, and performing basic statistical analysis and reporting the results. Lecture. Prerequisite: MCOM 1300. Fall.

3391, 4391 TOPICS IN MASS COMMUNICATION An elective course for mass communication majors. Special topics in advanced issues in mass communication. Prerequisites: MCOM 1300 and 1362. On demand.

4302 MEDIA EFFECTS A required course for Journalism majors with the Mass Communication Research emphasis. Introduces and surveys the vast body of empirical work on the effects of media content, form, and technology upon individuals, society, and culture. The course will primarily focus on social and/or behavioral approaches to understanding the effects of mass media. Lecture. Prerequisites: MCOM 1300 or consent of the instructor. Spring.

4323 SEMINAR IN MASS COMMUNICATION An elective course for digital filmmaking majors and mass communication majors with an emphasis in broadcast journalism, online journalism, or print journalism. Various topics relevant to media careers. May be repeated for credit. Prerequisites: MCOM 1300 or FILM 1305 and consent of the instructor. On demand.

Theatre

Undergraduate Bulletin
Document Number 4.03.03(c)

Return to Mass Communication and Theatre

[1] Courses in Theatre (THEA)

1122-4122 THEATRE PRODUCTION AND PERFORMANCE A required course for theatre majors. Practical experience in theatre production and performance. Each level may be repeated for a total of 2 hours credit each. Fall, spring, summer.

1300 ACTING FOR NON-MAJORS An elective course for non-majors and non-minors. Requires no previous acting experience. Through readings and classroo performance, students will experience the basic principles of acting including relaxation, concentration, improvisation, use of imagination, actions, objectives, initial monologue and scene work, and other basic terms and concepts of process work for the actor. This course does not satisfy any of the acting requirement for the Theatre major or minor. On demand.

1360 TEXT ANALYSIS FOR THE THEATRE An required course for theatre majors. An introduction to textual analysis for the theatre student and artist that studies the dramatic text as a foundation for production. Students will learn to analyze play progression from moment to moment, observe how character and action are conveyed, understand how structure reveals content, and how stage directions stimulate the dramatic imagination. Spring.

1370 VOICE AND MOVEMENT A required course for theatre majors and minors. Study of processes of vocal and physical performance, and recognition of controllable elements in speech and the body. Drill work for improvement of flexibility, strength, physical and vocal expression, pronunciation, and articulation. Fall.

2300 THEATRE APPRECIATION A general education course that meets the fine arts requirement. Awareness and appreciation of theatre art and its place in contemporary human culture. Incorporates study of theatrical styles, history, theory, and practice using live and recorded performances. May not be credited toward a major or minor in theatre. Fall, spring, summer.

2310 COSTUME CONSTRUCTION An elective course for theatre majors. Introduces the student to the practical skills necessary to work efficiently in a theatrica costume shop, including hand and machine sewing, commercial pattern construction, alterations, fabric dyeing, and constume crafts. Fall, odd years.

2320 STAGE MAKE-UP An elective course for theatre majors. Techniques and principles of makeup for the theatre. Emphasis is on character makeup and the effects of light, shade, and color on the face. Opportunities for realization of designs in UCA theatre productions. Spring.

2325 FUNDAMENTALS OF THEATRICAL DESIGN A required course for theatre majors. Introduction to critical methodology in the conception, creation and presentation of scenic, lighting and costume design. Fall, spring.

2330 STAGE MANAGEMENT An elective course for the theatre major or minor. Introduces the duties of the stage manager from rehearsal to performance. Area of instruction include responsibilities and duties of the stage manager during periods of pre-production, rehearsal, performance, and post-production. Collaboration with director, actor, and technicians, and other appropriate topics. Spring even years.

2331 STAGECRAFT A required course for theatre majors. Basic elements of the theatrical setting leading to competency in the procedures involved in the construction, painting and dressing of scenery, and the use of the theatre building. Fall.

2390 ACTING I A required course for theatre majors. An introduction to the physical, intellectual, and emotional aspects of acting, including basic movement, script analysis, and characterization techniques. Spring.

3150/3250/3350 DIRECTED STUDY IN THEATRE Concentrated study of a topic or topics to be determined through instructor/student interaction. Does not count toward course requirements in the theatre major or minor. May be repeated for credit. May be used for honors studies with the consent of the departmen chair. Prerequisite: junior standing, minimum 3.0 gpa, or consent of the instructor. Fall, spring, summers on demand.

3310 COSTUME DESIGN A required or elective course for theatre majors. Applied theory and principles of design, specifically related to stage costume design. Emphasis is on the communicative and collaborative nature of costume design within the process of theatrical production. Prerequisite: THEA 2325 or consent o instructor. Fall.

3320 DIGITAL DESIGN An elective course for theatre majors. The study of digital image design and multimedia manipulation for the theatre artist. Through lecture and lab work, students learn to use diverse software applications integrating text, sound, images, animation, and video to complete a theatre project an create an individualized acting, directing, or theatrical design portfolio for the internet. Prerequisite: THEA 2325 or by consent of instructor. Spring, odd years.

3324 THEATRE HISTORY I A required course for theatre majors. The first part of a two semester series offering an historical and critical survey of theatre and

drama from origins to 1700. The course includes study of architecture, theatrical conventions, design styles, acting styles, dramatic literature, and noted theatrical artists. The course will also cover major arguments in dramatic theory. Fall, odd years

3325 THEATRE HISTORY II A required course for theatre majors The second part of a two semester series offering an historical and critical survey of theatre and drama from 1700 to the present. The course includes study of architecture, theatrical conventions, design styles, acting styles, dramatic literature, and note theatrical artists. The course will also cover major arguments in dramatic theory Spring, even years

3331 STAGECRAFT II Advanced study of stagecraft through the use of production project assignments. Projects and topics covered will include technical proble solving, advanced tool use, alternative materials and rigging methods. An elective for theatre majors and minors. Prerequisite: THEA 2331 or consent of instructor. Spring of odd years.

3332 STAGE LIGHTING A required or elective course for theatre majors. Stage lighting design and its role in theatre, film, and TV production is examined, including types of instruments, lamps, color media, control devices, and history. Laboratory work in UCA theatre productions is offered. Prerequisite: THEA 232 or consent of instructor. Spring, even years.

3390 ACTING STYLES: FARCE, COMMEDIA, COMEDY OF MANNERS An elective course for theatre majors and minors. Student actors will explore techniques of performing in the comedic styles of farce, commedia dell'arte, and comedy of manners. Prerequisites: THEA 2390 or consent of the instructor. Spring.

3391 ACTING STYLES: SHAKESPEARE, GREEK An elective course for theatre majors and minors. Using performance material written in verse, students will explore the techniques of performing Shakespeare and Greek theatre. Prerequisite: THEA 2390 or consent of the instructor. Fall.

4100 PROFESSIONAL ISSUES An elective course for theatre majors and minors. This is a seminar class for seniors to prepare the student for auditions/interview for professional work, internships, or graduate school. Fall.

4305 ACTING FOR THE CAMERA Building on the actor's knowledge of stage acting, students will be given on-camera experience in the fundamental technique that are particular to acting for the camera. Topics covered will include listening and reacting, distance and relationship, shot size and the actor, and on-camer auditions. Prerequisites: THEA 2390 and/or permission of instructor. Fall.

4315 TOPICS IN THEATRE PERFORMANCE An elective course for theatre majors and minors. In-depth studies in selected theories and methods of performanc such as musical theatre, Elizabethan theatre, children's theatre, and experimental theatre. May be repeated for credit up to 6 hours. Content changes on demand. See semester schedules for description of content. Prerequisite: THEA 1360 and 2390. On demand.

4320 PLAY DIRECTING A required course for theatre majors. Selection, casting, and rehearsal of plays. Students will be required to direct one-act plays. Prerequisites: THEA 1360 and THEA 2390 or consent of instructor. Spring.

4321 TOPICS IN TECHNICAL THEATRE An elective course for theatre majors and minors. In-depth studies in selected theory and practice of technical theatre such as sound reinforcement and design, advanced make-up design, costume design, and scenic painting and decoration. May be repeated up to 6 hours. Content changes on demand. See semester schedules for description of content. Prerequisite: THEA 2331 or consent of instructor. On demand.

4322 THEATRE WORKSHOP An elective course for theatre majors. Advanced training in directorial methods and organization, performance techniques, and experimental theatre practices. Summer only.

4326 COSTUME HISTORY An elective course for theatre majors and minors. This course examines the history and fabrication of western clothing, as well as its aesthetic, cultural, political and economic influences from Antiquity to 1990. Fall, even years.

4340 SCENE DESIGN A required or elective course for theatre majors. Theories and styles of scenic design and their application to the individual play. Prerequisite: THEA 2325 and 2331 or consent of instructor. Spring, odd years.

Music - Theory (MUS)

Return to Music

1230 HARMONY I Core requirement for all music majors and minors. Taken concurrently with Ear Training I. Fundamentals of music, major and minor scales, modes, key signatures, intervals, triads, melodic and harmonic analysis. Part-writing using root position and first inversion triads, and related keyboard assignments. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 1300 Fundamentals of Music or scoring a passing grade on t fundamentals of music entrance examination. To be taken concurrently with MUS 1231. Fall.

1231 EAR TRAINING I Core requirement of all music majors and minors. Taken concurrently with Harmony I. Enhances overall musicianship through improvement of ear training skills such as rhythmic reading, sight singing, melodic and harmonic dictation. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: Scoring a passing grade on the fundamentals of music entrance examination. To be taken concurrently with MUS 1230. Fall.

1232 HARMONY II Core requirement of all music majors and minors. Continuation of Harmony I. Taken concurrently with Ear Training II. Seventh chords, non-chord tones, secondary dominants and secondary leading tone seventh chords, modulations, and small forms. Part-writing using second inversion triads and seventh chords and related analysis, keyboard harmony, and composition. Methods of instruction include lecture, discussion, and laboratory. To be taken concurrently with MUS 1233. Prerequisites: MUS 1230 and 1231. Spring.

1233 EAR TRAINING II Core requirement of all music majors and minors. Continuation of Ear Training I. Taken concurrently with Harmony II. Enhances overall musicianship through improvement of ear training skills such as rhythmic reading, sight singing, melodic and harmonic dictation. Methods of instruction includ lecture, discussion, and laboratory. Prerequisites: MUS 1230, 1231. To be taken concurrently with MUS 1232. Spring.

1300 FUNDAMENTALS OF MUSIC THEORY Prerequisite for Theory I and Ear Training I for music majors without a strong music background. Recommended as an elective for non-majors who are interested in learning about the rudiments of music. Music fundamentals including notation, keys, scales, intervals, meter, rhythm, melody, and harmony in preparation for MUS 1230 (Harmony I). Methods of instruction are lecture and working theoretical exercises using the compute Minimal computer skills will be helpful. Credit earned in this course is in addition to that earned in required theory courses. Fall, spring, summer.

2210 INTRODUCTION TO MUSIC TECHNOLOGY Elective for music performance majors as enrollment allows. An introduction to music computer technology and related multi-media technology, including a survey of computer hardware and software appropriate for computer-assisted instruction in the private studio and classroom. Methods of instruction include lecture, discussion, workshop, and laboratory. Prerequisites: MUS 1230, 1232. Fall, spring.

2211 INTEGRATION OF MUSIC TECHNOLOGY INTO TEACHING AND LEARNING Required of all music education majors. This course is designed to integrate music technology into classrooms specifically to enhance the instruction and learning for all grade levels (P-12). Teacher candidates will demonstrate the use of technology to plan, assess, and conduct classroom activities, and to make connections between technology and specific grade levels in music education. This course will also prepare music education students for their upper division academic music classes as well as the integration of technology into methods classes This course must therefore be taken in the sophomore year before the junior block of methods courses. Prerequisite: EDUC 1240 or passing score on the Education Technology Competency Exam. Once per year.

2233 COMPOSITION CLASS Required of all performance majors. Composing music for instrumental and vocal media, working from smaller to larger forms, and focusing on twentieth century styles and materials. Methods of instruction are lecture and music composition. Prerequisite: MUS 3210. Spring.

2430 THEORY III Core requirement of all music majors. Continuation of Harmony II and Ear Training II. Borrowed chords, Neapolitan triads, augmented sixth chords, chromatic mediants, sonata and rondo forms. Ear training, sight-singing, keyboard harmony, and composition projects are correlated with written work Methods of instruction include lecture, discussion, and laboratory. Prerequisites: MUS 1232, 1233. Fall.

2431 THEORY IV Core requirement of all music majors. Continuation of Theory III. Ninth, eleventh, and thirteenth chords and advanced modulation. Analysis o small and large forms of the Baroque, Classical, and Romantic periods. Ear training, sight-singing, keyboard harmony, and composition projects are correlated with written work. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 2430. Spring.

3210 COUNTERPOINT I Upper-division elective for music majors. A study of the principles of strict contrapuntal writing in two, three, and four voices as composed in the sixteenth and eighteenth centuries. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 2431. Fall.

3230 FORM AND ANALYSIS Upper-division elective for music majors. Examination of representative twentieth-century analytical and compositional techniques including set theory, 12-tone theory, poly-harmony, linear counterpoint, multi-rhythms, and aleatoric devices. Methods of instruction include lecture and discussion. Prerequisite: MUS 2430. Spring.

4210 INSTRUMENTAL ARRANGING Required of instrumental performance majors and may be chosen as an optional requirement for instrumental music education majors. Study of band and orchestra instruments in regard to ranges and standard orchestration techniques from the baroque to present. Course is taught in lecture/discussion format. Prerequisite: All previous theory courses. Fall.

4215 CHORAL ARRANGING Required of vocal performance majors and may be chosen as an optional requirement for music education majors and piano performance majors. Arranging music for choirs, which may be sung a cappella or accompanied with adolescent through adult voices. Methods of teaching are lecture, discussion, and laboratory. After instruction, students write exercises and full choral arrangements using Finale, a music engraving program for either Macintosh or PC. Prerequisite: All previous theory courses, MUS 2210 Introduction to Music Technology and previous choral experience. Spring.

4311 INTRODUCTION TO LINEAR ANALYSIS Upper level music theory elective. The course focuses on the interaction of harmony and counterpoint as the underlying basis of common practice tonal music. Emphasis on analysis at surface and reductive levels. Methods of instruction are lecture and discussion. Prerequisites: MUS 1230-1233, 2430-2431. Once per year, as required.

Music - History and Literature (MUS)

Return to Music

1340 INTRODUCTION TO MUSIC LITERATURE Core curriculum requirement of all music majors and minors. Introductory course in music history and literature Through lectures and aural examples, basic knowledge of styles and periods of music is stressed along with listening techniques and the development of a framework upon which the student may later base a more detailed study of the subject matter. Maybe a substitute for the Fine Arts General Education requirement. Spring.

2300 MUSIC APPRECIATION General education curriculum option for the fine arts requirement. Introduces students to music, its origin and development through recorded and live instrumental and vocal music. Relates to other arts, cultures, literature, and the social sciences. Methods of instruction are lecture and listening to music. Fall, spring, summer.

2305 MUSIC OF CHINA A survey of music culture in China, with special emphasis on the role of music in society, Chinese folk traditions and instruments, and the current influences of Western music on Chinese culture. Lecture. Fall.

3300 CHURCH MUSIC Upper-division elective for music majors. History of Western church music from earliest times to the present and application of this heritage to church music of today. Methods of instruction are lecture and listening to music. Prerequisite: Consent of instructor. On demand.

3302 MUSIC HISTORY I Core curriculum requirement for all music majors. History of Western art music from antiquity to 1750. Methods of instruction are lecture and listening to music. Prerequisite: MUS 1340. Fall.

3303 MUSIC HISTORY II Core curriculum requirement for all music majors. History of Western art music from 1750 to the present. Methods of instruction are lecture and listening to music. Prerequisite: MUS 3302. Spring.

3345 AMERICAN MUSIC: A PANORAMA American Music is a survey course of music in the United States rooted in folk and popular styles. It is designed for bot music majors and non-majors. The purposes of the course are to develop musical perception and to provide a better understanding of the role of music in American culture. It is particularly suitable for non-majors seeking upper division credit and also serves as an upper division elective for the BA in music or the BM in performance. Prerequisite: None. Spring.

4203 PIANO LITERATURE Required for BM piano performance majors and BM education majors with a piano emphasis. Suitable for BA music majors with piano as applied major, with consent of instructor. Covers keyboard works from the late Baroque period through the twenty-first century including works composed fo harpsichord and clavichord. Methods of instruction are lecture and CD listening. Spring.

4205 VOCAL LITERATURE Required for BM performance voice majors and optional for other voice or piano majors. Solo vocal literature from the Renaissance t the present. Emphasis on style, interpretation, and historical perspective to equip performance majors with the basic content of their profession. Instruction by lecture, listening, and student individual research. Prerequisite: Upper-division status. Spring.

4301 JAZZ: HISTORY OF AN AMERICAN ART FORM Upper-division general education elective. Historical survey of the evolution of jazz from African slave songs to the present. Recognition of jazz styles through listening, studying, and research. Methods of instruction are lecture and listening to music. Prerequisit Upper-division status. Alternating fall semesters.

4304 HISTORY OF ROCK MUSIC Upper-division general education and music elective. Historical survey of rock music, including its antecedents, its development as a musical style, and its influences on modern American culture. Lecture-based with emphasis on the development of listening and communication skills. Prerequisite: Upper-division status. Alternating fall semesters.

Music - Pedagogy (MUS)

Return to Music

1141 DICTION FOR SINGERS I Requirement for all BM vocal performance and vocal track music education majors. Pronunciation skills in German and Italian as encountered in the standard repertory of vocal music. Study of the aural and written phonetic, spelling, and articulation skills necessary to successfully study, perform, or teach the literature of the vocal and choral singing instrument. Teaching procedures include lecture, listening, motor and aural exercises, and classroom and individual presentation. Fall.

1142 DICTION FOR SINGERS II Required for all BM vocal performance and vocal track music education majors. Pronunciation skills in French, Spanish, English, and Russian. Study of the aural and written phonetic, spelling, and articulation skills necessary to successfully study, perform, or teach the literature of the voca and choral singing instrument. Teaching procedures include lecture, listening, motor and aural exercises, and classroom and individual presentations. Prerequisite: MUS 1141. Spring.

2150 STRING CLASS Required of all BM education instrumental music majors. Elective for BM performance instrumental majors or BA music majors who want t learn to play a string instrument other than their major instrument. Pedagogy course which introduces students to the teaching and performing of all standard string instruments, string pedagogy, string terminology, knowledge of the instruments, and their maintenance and purchase. Method of instruction includes diagnostic and corrective procedures. Prerequisite: None for BM education majors, consent of the instructor for BM performance or BA music majors. Fall, sprin

2170 BRASS CLASS I Required for all BM education instrumental majors. Course emphasizes learning basic performance skills and pedagogical techniques for t five major brass instruments in preparation for teaching, with a concentration on the upper brass instruments. Method of instruction includes diagnostic and corrective procedures. Students are required to perform on instruments, to participate in teaching exercises, and to accumulate a permanent file of information Fall.

2171 BRASS CLASS II A continuation of Brass Class I, with a concentration on lower brass instruments. Spring.

2180 WOODWIND CLASS I Required for all BM education instrumental majors. Course emphasizes learning basic performance skills and pedagogical technique for the five major woodwind instruments in preparation for teaching with a concentration on single reeds and flute. Method of instruction includes diagnostic an corrective procedures. Students are required to perform on instruments, to participate in teaching exercises, and to accumulate a permanent file of information Fall.

2181 WOODWIND CLASS II A continuation of Woodwind Class I, with a concentration on double reeds. Spring.

2199 PERCUSSION CLASS Required of BM education instrumental major. The course introduces students to the teaching, maintaining, purchasing, and performing of percussion instruments. Emphasis is placed on the knowledge of instruments, their literature, and their pedagogy. The course is presented throug lecture, performance demonstration, and lab teaching. Spring.

3201 CHORAL AND INSTRUMENTAL CONDUCTING Required of all BM music education and performance majors, upper division elective for BA music majors. Introduces students to the basic requirements of the conductor of both choral and instrumental ensembles. Presented in lecture and laboratory format. Prerequisite: Upper-division status. Fall.

3205 ADVANCED CONDUCTING METHODS FOR THE SCHOOL BAND Elective for BM brass/woodwind/percussion music education majors. Includes wind band repertoire, advanced instrumental conducting techniques, and advanced technology applications as they relate to educational issues in the school band setting. Course content is divided into three learning wheels: music repertoire and selection for the school band, conducting/error detection/score study, and advanced technology and rehearsal techniques for the school band. Prerequisite: MUS 3201. May be repeated for credit. Spring.

3251 CONCEPTS OF MUSIC IN EARLY CHILDHOOD EDUCATION Methods of instruction and materials available for use in elementary school. Students with litt or no background in music fundamentals are encouraged to enroll in MUS 1300.

3304 SECONDARY INSTRUMENTAL METHODS IN MUSIC EDUCATION Required of all BM music education instrumental majors. The course provides the skills t successfully organize and administer a school band program from beginning band through high school band. Learning strategies include lecture, research, microteaching practicums, and observations in the local schools. Prerequisite: Upper division status, admission to the teacher education program, Undergraduat conducting is recommended prior to this class. Spring.

3305 ELEMENTARY METHODS OF MUSIC EDUCATION Required of all BM education majors. Philosophy, materials, techniques, and methods of instruction for elementary general music program appropriate for grades K-6. Methods of instruction include lecture, demonstration, listening, and laboratory. Prerequisite: Upper division status, admission to the teacher education program. Fall.

3306 SECONDARY CHORAL METHODS IN MUSIC EDUCATION Required of all BM education vocal music majors. Philosophy, materials, techniques, and metho of instruction in choral and general music courses in the junior and senior high school music program. Prerequisite: MUS 3305 and admission to the teacher

education program. Spring.

3308 ORCHESTRAL METHODS AND MATERIALS Required of BM education majors who plan to conduct orchestral studies in the public schools. Orchestral and string material including administration, auditioning, recruiting, and repertoire selection for elementary, middle school, and high school orchestras. Methods of instruction include lecture, demonstration, listening, and laboratory. Open to string majors and minors only and other music education majors by request. On demand.

4140 INTERNSHIP I Students will gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning and skill building, and in achieving professional behaviors for the discipline of teaching vocal, choral and instrumental music. It requires time in the public school setting. Students must be concurrently enrolled in either MUS 3304, 3306 or 3308. Prerequisites: Admission to teacher education and completion of designated professional education and specialty courses. Spring.

4160 VOCAL PEDAGOGY Required of all BM vocal music majors, performance and education emphasis. Physiological and psychological aspects of voice teachin techniques considered from a historical, evolutionary, and comparative point of view. Diagnostic and corrective procedures. Methods of instruction include lecture, discussion, observation, and guided student teaching. Fall.

4202 PIANO PEDAGOGY Required of all BM piano majors, performance and education emphasis. Through lecture and reading, the course introduces the studen to piano teaching methods and issues relating to learning the craft of teaching beginning through advanced piano students. Students will do observed student teaching in class. Fall.

4204 INSTRUMENTAL PEDAGOGY AND REPERTOIRE Required of BM performance instrumental majors. Includes a survey of pedagogical materials, repertoire, and schools of instrumental performance and instruction in the student's major instrument. Presented in lecture and laboratory format by applied music instructors. Prerequisite: Upper-division standing. On demand.

4206 MARCHING BAND TECHNIQUES General education elective for the BM education instrumental major. Program development, teaching strategies, drill design, and computerized drill as performance to the school marching band. Learning strategies include lecture, guided projects, computerized instruction, and discussion. Spring.

4690 INTERNSHIP II This course involves teaching under supervision in a public school setting. It requires full day involvement and seminars. It is taken concurrently with MUS 4691 Internship II. Prerequisites: Admission to teacher education and successful completion of MUS 4140 Internship I. Fall, spring.

4691 INTERNSHIP II This course involves teaching under supervision in a public school setting. It requires full day involvement and seminars. It is taken concurrently with MUS 4690 Internship II. Prerequisites: Admission to teacher education and successful completion of MUS 4140 Internship I. Fall, spring.

Music - Special Courses (MUS)

Return to Music

4110 WORKSHOP IN MUSIC EDUCATION Available as an elective for BM education majors. Problems in music education to be determined by student(s) enrolle Each instructor determines the method of teaching. On demand.

4310 SPECIAL STUDIES IN MUSIC Available for exceptional undergraduate music majors to investigate a selected area within their field, to complete and prese an honors research paper or an honors recital which includes a written report. To be done with the approval of the departmental honors committee and the supervision of music faculty member. Prerequisite: 3.0 accumulative G.P.A., 3.2 music G.P.A., successful proposal submitted to and approved by departmental honors committee. Fall, spring.

4315 INTRODUCTION TO KODALY First course toward the 18-hour certification in the Kodaly Concept. Introduces students to the basic pedagogical practices used in the primary grades. Other courses include Kodaly Concept I, II, III (2 hrs. credit for each), Solfege I, II, III (2 hrs. for each) and Folk Song Research (3 hrs credit), and Early Childhood Methods and Materials or Children's Choral Music (2 hrs. each);. one or the other must be selected). Workshop format. Prerequisite Bachelor's degree. On demand.

4121, 4221, 4321 WORKSHOP IN MUSIC Available as an elective for BM majors. Problems in music to be determined by the student(s) enrolled. May be taken for 1 to 3 credits. Each instructor determines the method of teaching. On demand.

4102 SENIOR RECITAL Represents the final applied music project for BM or BA majors. A public recital (suggested minimum duration, BM: 45 minutes) will be evaluated by a faculty jury. The program will include program notes prepared by the student. Prerequisite: Completion of junior-level applied study and approv of the applied teacher. BM education majors may substitute a senior project at the discretion of their applied teacher. Fall, spring.

4108 SENIOR PROJECT This course is designed to be the final project for BM in Education and BA music majors who elect this option in lieu of a senior recital. project of considerable scope will be required. The actual form of this project could take several directions: extensive analytical research paper, experimental research study, lecture-recital, or other creative project related to the student's major area of concentration. The specific topic and nature of the project will be submitted to a faculty committee appointed by the department chair for approval, prior to registration. Prerequisite: Completion of junior-level applied study, theory and history. Fall, spring.

Music – Applied Courses (group instruction)

Return to Music

1131–1132 PIANO CLASS I AND II Remedial classes for music majors which do not count toward music degrees. These courses cover functional skills such as sight reading, harmonization, improvisation, technique, basic knowledge of harmonic materials (chords, scales, arpeggios, cadences), and repertoire. These classes are conducted as laboratories. No prerequisite for MUS 1131. Non-majors require consent of instructor. Fall, spring.

2133–2134 PIANO CLASS III AND IV Music majors only. The normal entry level for adequately prepared music majors. Emphasis is given to basic keyboard repertory that demonstrates contrasting styles and textures from various periods. Piano Class IV culminates the work in preparation for proficiency at the keyboard demanded for BM education teaching requirements. Successful completion of Piano Class IV with a grade of C or higher represents fulfillment of the piano proficiency requirements. Fall, spring.

Music (MUSA)

Return to Music

[1] Courses in Music – Applied Lessons (individual instruction)

Note: The 2000-level courses are for freshmen and sophomores and may be repeated for credit four times. The 4000-level courses are for juniors and seniors and may be repeated for credit four times.

Required of all majors and minors (number of hours varies according to major or emphasis). Available as an elective to non-majors depending upon studio availability. Courses specify if they are designed for the BM performance major, BM music education major, or music minor. Teaching technique varies dependin upon the major instrument or voice and the specific instructor. In addition, registration in applied lessons requires an additional registration for a large conducted ensemble. Prerequisite: Consent of instructor. Fall, spring.

2106, 4106 BASSOON Applied instruction (BA, BM music education).

2206, 4206 BASSOON Applied instruction (BA, BM music education, BM performance).

2406, 4406 BASSOON Applied instruction (BM performance).

2104, 4104 CLARINET Applied instruction (BA, BM music education).

2204, 4204 CLARINET Applied instruction (BA, BM music education, BM performance).

2404, 4404 CLARINET Applied instruction (BM performance).

2112, 4112 EUPHONIUM Applied instruction (BA, BM music education).

2212, 4212 EUPHONIUM Applied instruction (BA, BM music education, BM performance).

2412, 4412 EUPHONIUM Applied instruction (BM performance).

2102, 4102 FLUTE Applied instruction (BA, BM music education).

2202, 4202 FLUTE Applied instruction (BA, BM music education, BM performance).

2402, 4402 FLUTE Applied instruction (BM performance).

2111, 4111 HORN Applied instruction (BA, BM music education).

2211, 4211 HORN Applied instruction (BA, BM music education, BM performance).

2411, 4411 HORN Applied instruction (BM performance).

2103, 4103 OBOE Applied instruction (BA, BM music education).

2203, 4203 OBOE Applied instruction (BA, BM music education, BM performance).

2403, 4403 OBOE Applied instruction (BM performance).

2120, 4120 PERCUSSION Applied instruction (BA, BM music education).

2220, 4220 PERCUSSION Applied instruction (BA, BM music education, BM performance).

2420, 4420 PERCUSSION Applied instruction (BM performance).

2130, 4130 PIANO Applied instruction (BA, BM music education).

2230, 4230 PIANO Applied instruction (BA, BM music education, BM performance).

2430, 4430 PIANO Applied instruction (BM performance).

2101, 4101 PICCOLO Applied instruction (BA, BM music education).

2201, 4201 PICCOLO Applied instruction (BA, BM music education, BM performance).

2401, 4401 PICCOLO Applied instruction (BM performance).

2105, 4105 SAXOPHONE Applied instruction (BA, BM music education).

2205, 4205 SAXOPHONE Applied instruction (BA, BM music education, BM performance).

2405, 4405 SAXOPHONE Applied instruction (BM performance).

2143, 4143 STRING BASS Applied instruction (BA, BM music education).

2243, 4243 STRING BASS Applied instruction (BA, BM music education, BM performance).

2443, 4443 STRING BASS Applied instruction (BM performance).

2113, 4113 TROMBONE Applied instruction (BA, BM music education).

2213, 4213 TROMBONE Applied instruction (BA, BM music education, BM performance).

2413, 4413 TROMBONE Applied instruction (BM performance).

2110, 4110 TRUMPET Applied instruction (BA, BM music education).

2210, 4210 TRUMPET Applied instruction (BA, BM music education, BM performance).

2410, 4410 TRUMPET Applied instruction (BM performance).

2114, 4114 TUBA Applied instruction (BA, BM music education).

2214, 4214 TUBA Applied instruction (BA, BM music education, BM performance).

2414, 4414 TUBA Applied instruction (BM performance).

2141, 4141 VIOLA Applied instruction (BA, BM music education).

2241, 4241 VIOLA Applied instruction (BA, BM music education, BM performance).

2441, 4441 VIOLA Applied instruction (BM performance).

2140, 4140 VIOLIN Applied instruction (BA, BM music education).

2240, 4240 VIOLIN Applied instruction (BA, BM music education, BM performance).

2440, 4440 VIOLIN Applied instruction (BM performance).

2142, 4142 VIOLONCELLO Applied instruction (BA, BM music education).

2242, 4242 VIOLONCELLO Applied instruction (BA, BM music education, BM performance).

2442, 4442 VIOLONCELLO Applied instruction (BM performance).

2150, 4150 VOICE Applied instruction (BA, BM music education).

2250, 4250 VOICE Applied instruction (BA, BM music education, BM performance).

2450, 4450 VOICE Applied instruction (BM performance).

2260 COMPOSITION APPLIED INSTRUCTION A required course for music composition majors. One-on-one instruction for intermediate undergraduate students. Course may be repeated for credit. Prerequisites: MUS 2233 and permission of instructor.

4260 COMPOSITION APPLIED INSTRUCTION An elective for music majors. One-on-one instruction in composition for intermediate or advanced students. Course may be repeated for credit. Prerequisites: MUS 3210 Countpoint 1 and MUS 3233 Composition, or permission of instructor.

4460 COMPOSITION APPLIED INSTRUCTION A required course for music composition majors. One-on-one instruction for advanced undergraduate students. Course may be repeated for credit. Prerequisites: MUSA 2260 and permission of instructor.

Music (MUSE)

Return to Music

[1] Courses in Music - Ensemble

Note: The 2000-level courses are for freshmen and sophomores and may be repeated for credit four times. The 4000-level courses are for juniors and seniors and may be repeated for credit four times.

2101, 4101 MARCHING BAND By audition. Official band for all school athletic events. Fulfills large ensemble requirement for music majors. Prerequisite: Consent of the conductor. Fall.

2102, 4102 WIND ENSEMBLE By audition. Fulfills large ensemble requirement for music majors. Prerequisite: Consent of the conductor. Spring.

2103, 4103 SYMPHONIC BAND/CONCERT BAND By audition. Fulfills large ensemble requirement for music majors. Prerequisite: Consent of the conductor. Spring.

2111, 4111 UNIVERSITY CHORUS Choral singing group open to all non-majors as an elective. Performs a variety of choral literature for all eras and serves to acquaint the singers with many vocal styles and forms and is presented through rehearsals twice weekly. Fulfills large ensemble requirement for music majors. Prerequisite: Consent of the conductor. Fall, spring.

2110, 4110 CONCERT/CHAMBER CHOIR Open to all students, by audition only. Performs choral literature from all eras and serves to acquaint all singers with the myriad of vocal styles and forms and is presented through daily rehearsals. Fulfills large ensemble requirement for music majors. Prerequisite: Audition for the conductor. Fall, spring.

2109, 4109 BRASS CHOIR A select ensemble of brass and percussion players available to BM scholarship students as a small ensemble requirement. Open to all other students as a small ensemble elective. Presents concerts each semester. A wide range of repertoire is explored, including transcriptions and original compositions from the Renaissance to the twentieth century. Emphasis is placed on the lyrical aspects of brass performance. Prerequisite: Approval of instructor. Fall, spring.

2104, 4104 JAZZ ENSEMBLE A select ensemble of performers available to BM scholarship students as a small ensemble requirement. Open to all students as a small ensemble elective via auditions during the first week of classes. Music in varied jazz styles will be rehearsed and performed during the semester. Fall, spring.

2107, 4107 DIXIELAND BAND A select ensemble of performers available to BM scholarship students as a small ensemble requirement. Open to all students as a small ensemble elective via auditions during the first week of classes. Music in varied jazz styles will be rehearsed and performed during the semester. Fall, spring.

2105, 4105 WOODWIND CHAMBER*

2106, 4106 BRASS CHAMBER*

2121, 4121 STRING CHAMBER*

2130, 4130 PERCUSSION/STEEL BAND CHAMBER*

2141, 4141 PIANO CHAMBER*

*Small ensemble requirement for all music scholarship students beyond their first semester of study. Available by audition to other BM performance majors as an elective. Introduces students to repertoire of small keyboard, vocal, and instrumental ensembles, along with ensemble playing, interpretation, rehearsing, and coaching techniques. Selected chamber music, appropriate to performance levels of participants, is used. Small groups will rehearse two hours per week before coaching with the instructor. Prerequisite: Consent of the instructor. Fall, spring.

2120, 4120 UNIVERSITY SYMPHONY Large ensemble requirement for all BM string majors and minors. Also open as a large ensemble elective for other string, woodwind, brass, and percussion players who qualify by audition. Rehearses five hours per week. Specific rehearsal schedule is rotated with the Conway Symphony Orchestra. Fall, spring.

2140, 4140 ACCOMPANYING Small ensemble requirement for all BM performance keyboard majors and BM education piano emphasis majors who are on scholarship. Open as a small ensemble elective to all other keyboard students with the consent of the professor. Three hours per week of studio accompanying. Fall, spring.

2112, 4112 OPERA Small ensemble requirement for all BM performance vocal majors on scholarship. Available as a small ensemble elective to all other vocal students, majors and non-majors. Introduces students to the media of opera by preparing a complete opera or several opera scenes. Teaches students how to prepare a musical role from both the musical and acting perspectives. Aids in the development of stage techniques that a student can use both as a performer and as a music educator. Taught as a workshop culminating in a public production with orchestra when possible. Prerequisite: Discretion of the professor and the voice teacher of the student. Fall, spring.

Public Relations

Return to Communication

[1] Courses in Public Relations (PRLS)

NOTE: Successful completion of any indicated prerequisites or consent of instructor is required *before* enrollment in the course will be permitted.

2305 INTRODUCTION TO PUBLIC RELATIONS An introduction to the principles and practices necessary for professionals in the public relations field. This is a basic course that addresses theoretical bases, historical and social contexts, as well as current policy and legal and ethical considerations. Fall, spring.

3305 PUBLIC RELATIONS TECHNIQUES A study of the channels of communication available to the public relations practitioner and of ways to use those channels effectively. The course covers traditional print and electronic media as well as new media. Use of direct mail, exhibits, annual reports, news conference advocacy advertising, and presentations as elements of the public relations program will be addressed. Prerequisites: SPCH 1300, PRLS 2305 and SPCH 2308. Fall, spring.

3310 WRITING FOR PUBLIC RELATIONS Written aspects of public relations, including press releases, leaflets, newsletters, and magazines. Basic concepts and practices for public relations practitioners and functions of public relations. Prerequisite: consent of instructor. Fall, spring.

4305 PUBLIC RELATIONS CASES AND CAMPAIGNS Using the case study method, this course offers students an opportunity to work through the major categories of public relations problems and opportunities. In this course, students integrate theory, concepts, and techniques within complete communication programs. Prerequisites: SPCH 1300, PRLS 2305, 3305, 3310, and SPCH 2308. Fall, spring.

4308 PUBLIC RELATIONS MANAGEMENT A study of the management components needed in a public relations program. Topics to be covered include mission statement, goals and objectives, crisis planning and issues management, as well as communication planning, budgeting and evaluation. Role of the PR practitioner, cooperation with another organization in a PR program, and executive reports are also addressed. Prerequisites: SPCH 1300, PRLS 2305, 3305, and SPCH 2308. Fall, spring.

4310 NONPROFIT PUBLIC RELATIONS This senior-level public relations course presents a comprehensive overview of founding and managing nonprofit organizations as a foundation for establishing a nonprofit organization's internal identity and external image. Students will develop a communication plan to promote a specific nonprofit and enhance its reputation based on its overall strategic direction. Prerequisites: SPCH 1300, PRLS 2305 and SPCH 2308. On demand.

4312 INTERNATIONAL PUBLIC RELATIONS This course introduces students to a wide range of international campaign theories, strategies, and tactics. In this course, students are introduced to the cultural/critical approach to international public relations. Students will use this approach to analyze cases and campaign in terms of regulation, representation, production, consumption, and identity. Additionally, students are encouraged to recognize international public relations a an ongoing negotiation of culture, meaning, and identity among civilizations. Prerequisites: SPCH 1300, PRLS 2305 and SPCH 2308. On demand.

4316 SPECIAL TOPICS IN PUBLIC RELATIONS This course provides opportunities to offer advanced classes focused on specific topics in public relations. It is designed for students who have completed basic and intermediate courses and who want to study specific topics that are not offered in the curriculum. Prerequisites: SPCH 1300, PRLS 2305 and SPCH 2308 or consent of instructor. On demand.

4380 DIRECTED STUDY IN PUBLIC RELATIONS This course provides opportunities for advanced study of specific topics in public relations. It is designed for students who have completed basic and intermediate courses and who want to study specific topics that are not offered in the curriculum. Prerequisites: SPCH 1300, PRLS 2305 and SPCH 2308 or consent of instructor. On demand.

Communication

Return to Communication

[1] Courses in Communication (SPCH)

NOTE: All courses at the 2000 level or above require successful completion of prerequisites or consent of instructor *before* enrollment in the course will be permitted.

1300 BASIC ORAL COMMUNICATION Study, application, and evaluation of principles of organization, evidence, reasoning, critical thinking, verbal and nonverb behavior, interpersonal communication, public speaking, and small group interaction in the oral communication setting. The emphasis will be on meeting the individual needs of students through individualized instruction using communication experiences. Fall, spring, summer.

1310 PUBLIC SPEAKING Introduction to effective presentational speaking in informative, persuasive, and special occasion contexts. Spring.

2308 PERSPECTIVES IN COMMUNICATION An introductory course that examines the many perspectives from which communication may be studied. This cours serves as an introduction to the discipline of communication. Prerequisite: SPCH 1300. Fall, spring.

2310 ADVANCED PUBLIC SPEAKING An applied course aimed at developing a level of excellence in different types of public speaking. Includes analysis of subjects, selection and arrangement of materials, audience adaptation, and oral style in a variety of speaking situations. Prerequisite: SPCH 1300. On demand.

2311 BUSINESS AND PROFESSIONAL SPEAKING An applied course aimed at developing a level of excellence in speech communication skills in business and professional settings. It surveys modern theory as well as listening, negotiation, influencing others, instructional communication, and barriers to effective business and professional speaking. This course is both theory and performance based, and students will make several presentations. Prerequisite: SPCH 1300. On demand.

2313 INTRODUCTION TO COMMUNICATION RESEARCH An introduction to and practice in the construction of research that is appropriate to the student's are of interest in communication. It explains the structure of the communication discipline, the types of research done by students of communication, and focuses the basics of library research. These basics include selecting a topic, developing research questions, writing and organizing, and acquiring the tools that make the research process more efficient. Prerequisite: SPCH 1300. Fall, spring.

31D3 COMMUNICATION APPLICATIONS Practical experience in speech and public relations. On demand.

3301 ORGANIZATIONAL COMMUNICATION Insight into traditional and modern concepts of channels of communication in simple and complex organizations. Emphasis on informal and formal group dynamics, interpersonal relationships, leadership, communication theory, and creativity. Prerequisites: SPCH 1300, 2308 and 2313. Fall, spring.

3303 GENDER COMMUNICATION Focus on gender differences in communication. Elements of language, cultural perspective, gender attitudes, and communication process and outcomes in theory and practice. Prerequisites: SPCH 1300, 2308, or consent of instructor. Fall.

3307 INTERPERSONAL COMMUNICATION Investigates major theories and research about communicating with others. Focus on choices and consequences in communication. Student will develop and improve interpersonal skills as applied to their personal and professional lives. Prerequisites: SPCH 1300, 2308, or consent of instructor. Spring, summer.

3308 ARGUMENTATION AND ADVOCACY This course is designed to introduce students to the basic theories and principles of argumentation and advocacy an the process of critical decision making. Students will learn to recognize and use the types of arguments available for critical decision making and to construct and defend well-reasoned arguments. Participation in this course will contribute to students' effectiveness in any situation in which critical decision making is involved. These situations include not only formal debate contexts but also interactions with family and friends, classmates, and co-workers. Prerequisites: SPC 1300, 2308, or consent of instructor. On demand.

3311 EVOLUTION OF RHETORICAL THEORY Principal rhetorical theories from ancient to modern times. Application of these theories to the analysis of texts throughout history as well as modern social movements, mass communication, etc. Prerequisite: SPCH 1300. Fall, spring.

3312 PERSUASION Recent research on and techniques of persuasion in rhetoric, social psychology, advertising, public opinion, and evidence in relation to attitude change. Prerequisites: SPCH 1300, 2308, or consent of instructor. Fall, spring, summer.

3321 COMMUNICATIONS INTERNSHIP Emphasizes speech communication applied for agencies outside the university. Interns are supervised by department faculty. The internship also applies to students seeking on-the-job experience in public relations. Prerequisite: Consent of department chair. Fall, spring, summer.

3330 EVENT PLANNING This course familiarizes students with key conceptual, communicative, and practical components of the event-planning profession.

Course content focuses on the analysis and application of organizational communication theory to practical organizational problems. Prerequisite: SPCH 1300. On demand.

3341 SMALL GROUP COMMUNICATION Learning how to work effectively in groups. The dynamics of cooperative communication situations and skills associate with interpersonal relations and group goal achievement. Special emphasis on critical thinking, decision making, and problem solving. Prerequisites: SPCH 1300 2308, and 2313. On demand.

3370 INTERCULTURAL COMMUNICATION This course introduces students to theory and research about the differences in communication between people fror different cultures, including cultures within a single society. Emphasis is placed on how understanding different modes of verbal and nonverbal communication aids in learning how to live, socialize, and work effectively with a wide range of people. Prerequisite: SPCH 1300, 2308, or consent of instructor. On demand.

4130 COMMUNICATION PRACTICUM This is the capstone course for speech communication majors. It provides students with the opportunity to integrate the knowledge and skills they have acquired as speech communication majors and provides opportunities for students to exhibit competent communication skills learned during their program of study in order to prepare for a career in communication. By working on a capstone project that draws on prior course work and that culminates in a speech and senior capstone paper, students use their critical-thinking skills in synthesizing previous course work and extend and develop their own original ideas. Prerequisites: SPCH 1300, 2308 and 4336. Spring.

4305 AFRICAN-AMERICAN RHETORIC This senior-level course explores the rhetorical practices of African-Americans from the 1700s to the present. This course highlights both the content and form of African-American rhetoric; therefore, topics may include traditional (speeches, essays) and nontraditional (hip-hop lyrics, protests, etc.) texts. Prerequisite: SPCH 2308 and SPCH 2313 or consent of instructor. Offered every other academic year.

4310 PRESIDENTIAL RHETORIC This senior-level course explores the rhetorical practices of the American presidency. This course highlights speechmaking and mediated presidential communication. Prerequisite: SPCH 2308 and 2313, or consent of instructor. Offered once every other year.

4315 COMMUNICATION AND LEADERSHIP This course explores leadership theory and research from a communication perspective. Topics include trait, style, situational, and contingency approaches to leadership, as well as integrative approaches such as charismatic and transformational leadership. Emphasis is place on assessing student leadership potential and developing effective leadership skills. Prerequisites: SPCH 1300, 2308, or consent of instructor. On demand.

4316 SPECIAL TOPICS IN COMMUNICATION In-depth study of specialized areas of communication studies. Various topics offered on a rotating basis to cover important communication topics not part of the regular course offerings. Prerequisites: SPCH 1300, 2308, or consent of instructor.. On demand.

4318 CRISIS COMMUNICATION Provides students with a general understanding of the three stages of crisis communication: pre-crisis planning, crisis planning and post-crisis recovery. Students will exam crisis communication practices in organizations of all types with emphasis on planning, emergency communication image restoration, and organizational learning. This course will be offered once every other year. Prerequisites: SPCH 2308 and 2313, or consent of the instructor. Offered once every other year.

4320 NONVERBAL COMMUNICATION This course engages the ever unfolding research on nonverbal behavior in the communication discipline. Students in this course will explore the history of nonverbal communication research, contemporary research methods in nonverbal communication, the diverse nonverbal codes (space, touch, eye gaze, etc.) the many ways nonverbal communication functions in our personal and public lives. Prerequisites: SPCH 1300, 2308, and 2313. O demand.

4325 HEALTH COMMUNICATION This course provides a broad introduction to human communication in a health-care context. Issues such as provider-client communication, provider-provider communication and education, intercultural health communication, alternative medicine, health ethics, and mass media healt images will be explored. Prerequisites: SPCH 1300, 2308, or consent of instructor. Spring.

4330 FAMILY COMMUNICATION This course introduces students to communication phenomena in the setting of the family. The overall goal is to help student understand how, through communication, we develop, maintain, enhance, or disturb family relationships. Verbal and nonverbal skills which can help promote healthy family communication will be emphasized. Prerequisite: SPCH 1300, 2308, or consent of instructor. On demand.

4334 POLITICAL COMMUNICATION This course sharpens students' critical skills in analyzing political discourse. Course content focuses on communication related to the American political system, with specific attention paid to the period from the start of a political campaign through an election. Using a variety of methods, students will examine the communicative behavior of politicians, candidates, and strategists as they engage various constituencies, opponents, and th media. Prerequisite: SPCH 1300, 2308, or consent of instructor. On demand.

4336 ADVANCED COMMUNICATION THEORY A course in which the main concepts, approaches, and issues tied to the study of human communication are analyzed, debated, and evaluated. Prerequisite: SPCH 1300, 2308, or consent of instructor. Fall.

4380 DIRECTED STUDY IN COMMUNICATION This course provides opportunities for the student to undertake advanced study of specific topics in communication in a one-on-one setting with their instructor. It is designed for students who have completed basic and intermediate courses and who want to study specific topics that are not offered in the curriculum. Directed Study is especially useful to students who plan to go on to graduate study in communicatio and to students seeking professional careers in communication. Prerequisites: SPCH 1300, 2308, 2313, and consent of department chair. Fall, spring, summer

Writing

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Return to Writing

[1] Courses in Writing (WRTG)

1310 INTRODUCTION TO COLLEGE WRITING Part of the general education program and required of all students during the first semester they are eligible to enroll. This course introduces students to the writing process, focusing on audience, invention, and arrangement, and will be conducted as a workshop. Prerequisite: ACT score of 19 or higher or completion of UNIV 1300 with a grade of C or higher. Fall, spring, summer.

1320 ACADEMIC WRITING AND RESEARCH Part of the general education program and required of all students during the first semester they are eligible to enroll. The course introduces students to academic argument based on substantiating, evaluating, and proposing claims. Research strategies are central to the course, which will be conducted as a workshop. Prerequisite. WRTG 1310 with a grade of C or higher. Fall, spring, summer.

2310 INTRODUCTION TO CREATIVE WRITING This course introduces students to several core components of successful creative expression and allows students to practice them through composing original, imaginative work in poetry, prose, and other genres depending on the instructor's expertise. Class time will be devoted to workshops, invention exercises, and the discussion of guided reading assignments. The course is requried for both creative writing and writin majors and minors. Prerequisite: WRTG 1320. Fall, spring, summer, on demand.

2315 INTRODUCTION TO DRAMATIC WRITING This course will introduce students to the theory and practice of the literary art of scriptwriting. The course wil address aspects of both playwriting and screenwriting. Students will be expected to practice the different scriptwriting forms being studied and to submit a portfolio of original scripts/scenes at the end of the course. The course is taught as a workshop. Prerequisites: WRTG 2310. Spring.

2325 INTRODUCTION TO RHETORIC This course acquaints students with basic rhetorical knowledge demanded by their academic growth in creative writing, studies of rhetoric, technical/professional writing, and composition studies. It will introduce students to three key areas of rhetoric: (a) a brief historical account of rhetoric, (2) basic concepts of classical rhetoric, and (3) basic forms of rhetorical analysis. In addition to class discussions and lectures, students will be teste and write critiques of rhetorical discourse. Prerequisite: WRTG 1320.

3301 RHETORIC AND COMPOSITION An introduction to the discipline of rhetoric and its applications to composition. The course is designed to increase students' repertoire of strategies for dealing with a variety of rhetorical situations. Students will learn how to assess rhetorical situations, identify issues in specific cases, and construct arguments based on those cases. Prerequisite: WRTG 1320. Fall, spring.

3305 WRITING FOR DIGITAL MEDIA I Upper-division workshop course for writing majors and minors and students in other programs. Focuses on academic ar professional forms of writing. Student will use advanced strategies for print and electronic writing and examine how to shape the composition process for specific writing tasks and purposes. Prerequisite: WRTG 1320. Fall, spring.

3306 WRITING FOR DIGITAL MEDIA II An advanced course in rhetorical approaches to writing for digital media. Students create multimodal digital texts and leave the course with portfolio items. The course takes students through the writing process from proposal development through the recursive global and local drafting and revision stages to the final reflective piece. Required for the Writing major and minor, Professional Writing track. Elective in the Writing major and the minor, General Writing track. Prerequisite: WRTG 3305. Fall.

3307 INTRODUCTION TO EDITING Introduces fundamentals of comprehensive editing and hones basic copyediting skills. Students learn to work with writers a comprehensive editors from the concept stage of the writing process through analysis of audience and purpose, focus, organization, development, and more, finally moving to basic copyediting at the sentence level. One of a group of five courses from which students choose three for the Writing major, Professional Writing track. Elective in the Writing major and minor, General Writing track. One of a group of six courses from which students choose three in the Professiona Writing minor. Prerequisite: at least junior standing. Fall.

3310 TECHNICAL WRITING A workshop course in professional and technical writing. Students work on several writing projects, both in groups and as individuals. Some sections will use writing internships with state agencies and businesses to give students the opportunity to write in the workplace and examin the issues of professional communication. Prerequisite: WRTG 1320 and at least junior standing. Fall, spring.

3315 WRITING CENTER PRACTICUM Training course for the University Center for Communication Support. Exposure to rhetorical and linguistic concepts that enhance the teaching of composition and oral presentations. Prerequisites: WRTG 1320, SPCH 1300, and consent of the instructor. Spring.

3320 FORMS OF SCRIPTWRITING Comprehensive examination of the formal elements of the literary art of scriptwriting. The course will address aspects of both playwriting (stage design, script format, contemporary dramatic theory, and technical considerations) and screenwriting (cinematic narration, script format, contemporary film theory, and technical considerations). The course is taught as a workshop. Prerequisite: WRTG 2310. Fall.

3325 FORMS OF POETRY Comprehensive examination of the formal elements of the literary art of writing poetry, with an emphasis on the study of prosody, traditional and contemporary poetics, contemporary poetic theory, poetic craft, and other technical aspects of the art. The course is taught as a workshop. Prerequisite: WRTG 2310. Fall.

3330 FORMS OF CREATIVE NONFICTION This course will provide an in-depth consideration of, and practice in, several of the many forms of creative nonfictio writing. These forms may include memoir, profile, essays about place and journeys, lyrical and meditative essays, among others. Forms will be determined by instructor interest and expertise. The course will have a workshop component. Lecture. Prerequisite: WRTG 2310. Annually.

3331 FORMS OF ILLUSTRATED NARRATIVE This course is an upper-division workshop course that provides students with a comprehensive overview of the formal elements of illustrated and interactive narratives with an emphasis on the study of comic art, collage, computer-generated projects, literary works accompanied by visual art or photography, gaming storylines, installations, and other forms of illustrated/interactive narratives. Students will practice the different forms being studied and submit a portfolio of original work at the end of the course. Students will also study many established writers and artists in t genre as models, as well as examine critical articles on illustrated narrative design and theory, but most class time will be devoted to examining students' work in-progress. Some class time will be devoted to peer review and discussion, invention exercises, and marketing strategies. Prerequisite: WRTG 2310. Annually.

3335 FORMS OF FICTION This course will provide an in-depth consideration and practice of one of the many forms of fiction writing, including but not limited to the novel, short-short fiction, magical realism, mystery writing, science fiction, and metafiction. Subjects will be determined by instructor interest and expertise. Prerequisite: WRTG 2310. Annually.

3340 WRITING ACQUISITION: THEORY AND PRACTICE Designed for the mid-level teacher education candidate, this course introduces basic theories behind the teaching of writing and addresses the literacy benchmarks established for mid-level grades. Students will learn strategies for teaching the writing process. Prerequisite: 1320. Fall.

3345 FORMS OF WRITING FOR CHILDREN This course is an elective for the Creative Writing major and minor, and the Writing major and minor. This course w provide an in-depth examination of the craft and technical considerations involved in creating various forms of writing for children, including, but not limited t the picture book, the easy-reader, the chapter book, the middle grade novel, the young adult novel, the nonfiction book, the magazine story and the nonfiction magazine article. Students will also learn about the markets for each form and how to navigate them. Prerequisite: WRTG 2310. Fall.

3370 POETRY WORKSHOP An upper division workshop course focusing on the writing of original poetry. Students will present drafts of work for peer review and discussion and will submit a portfolio of original material at the end of the course. Some class time will be devoted to readings, invention exercises, and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3325. Fall and spring.

3371 FICTION WORKSHOP An upper division workshop course focusing on the writing of original fiction. Students will present drafts of original work for peer review and discussion and will submit a portfolio of original material at the end of the course. Some class time will be devoted to readings, invention exercises and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3335. Fall and spring.

3372 CREATIVE NONFICTION WORKSHOP An upper division workshop course focusing on the writing of original creative nonfiction. Students will present draf of original work for peer review and discussion and will submit a portfolio of original material at the end of the course. Some class time will be devoted to readings, invention exercises, and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3330. Fall and spring.

3373 ILLUSTRATED NARRATIVE WORKSHOP An upper-division elective workshop course focusing on the writing of original illustrated and/or interactive narratives. Students will present drafts of work for peer review and discussion and will submit a portfolio or original material at the end of the course. Some class time will be devoted to readings, invention exercises, and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3331. Fall and spring.

3374 TRAVEL WRITING WORKSHOP An upper division workshop course exploring the genre with a focus on the writing of original travel writing. Students will present drafts of work for peer review and discussion and will submit a portfolio of original material at the end of the course. Some class time will be devoted t readings, invention exercises, and revision strategies. Prerequisites: WRTG 2310 and WRTG 3330.

3375 WORKSHOP IN WRITING FOR CHILDREN An upper division course that examines the specific craft of writing and publishing for children. Students will submit drafts of works for children at various points throughout the semester for instructor and class feedback. These might include: picture books, nonfiction middle grade books, and young adult novels. Students will also complete an author study in which they examine in-depth the artistic development of a children writer whose work informs their own and will complete a reading journal. Prerequisites: WRTG 2310, WRTG 3331 and WRTG 3345. Fall or spring.

3376 SCREENWRITING WORKSHOP This course is an upper-division workshop course focusing on the writing of original screenplays. Students will present drafts of work for peer review and discussion and will submit a portfolio of original material at the end of the course. Some class time will be devoted to readings, invention exercises, and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3320. Fall and spring.

3377 GENRE FICTION WORKSHOP This course is an upper-division workshop course focusing on the writing of original genre fiction. The genres may include horror, science fiction, fantasy, mysteries, westerns, and others. Students will present drafts of work for peer review and discussion and will submit a portfolio o

original material at the end of the course. Some class time will be devoted to reading established genre fiction, investigating publishing and marketing strategies. Prerequisites: WRTG 2310 and WRTG 3335. Annually.

4305 CONTEMPORARY COMPOSITION: THEORY AND APPLICATION An upper-division elective for writing majors and minors and students interested in teaching writing. This course examines composition theory and pedagogy through both readings and direct observation of composition classrooms. The first h of the course concentrates on the history of contemporary composition theory and the key issues fundamental to the development of the disciplines. The secon half of the course concentrates on how these theories are applied in today's composition classroom. Students will analyze the composition teaching they observ and relate it to theories discussed. Prerequisite: WRTG 1320. Spring.

4306 WRITING FOR DIGITAL MEDIA III Building on the theoretical and practical work undertaken in Writing for Digital Media II, students work with an organization in the community to develop one or more substantial multi-modal digital texts for that organization. Students leave the course with portfolio item and connections to writers in the community. One of a group of five courses from which students choose three for the Writing major, Professional Writing track One of a group of six courses from which students choose three in the Professional Writing minor. Elective in the Writing major and minor, General Writing trac Prerequisite: WRTG 3306. Spring.

4307 PRACTICAL RHETORIC: THEORY AND PRACTICE OF WRITING IN THE WORKPLACE Upper-division course examining practical applications of rhetoric and writing in the professions and the workplace. Students will research rhetoric and writing in an academic, non-academic, and non-profit organization, analyze the use of technē and phronesis as they apply in one of those organizations, and conduct interviews with organization personnel regarding their professional writing practices. Required for the Writing major, Professional Writing track. One of a group of six courses from which students choose three in the Professional Writing minor. Elective in the Writing major and minor, General Writing track. Prerequisite: WRTG 2325 or permission of the instructor. Spring.

4308 WRITING FOR CHANGE: ADVOCACY WRITING Students research political, environmental, socioeconomic, and/or historical conditions of a particular issue/event. Through both primay and secondary research, students produce writing to promote action from their target audience. Advocacy writing through service learning may play a pivotal role in this course. Students gain greater understanding of national issues and how writing can evoke change within the community, private business, and local and national government. Required for the Writing major. Professional Writing track. One of a group of six courses from which students choose three in the Professional Writing minor. Elective in the Writing major and minor, General Writing track. Prerequisite: at least junior standing or permission of the instructor. Spring.

4309 INTRODUCTION TO PUBLISHING Fundamentals of publishing writing for print and digital media. Focus on contrast between designing and delivering information for print versus digital media. Considers publishing variables such as color, graphics, perparation, file formats and document design. One of a grou of five courses from which students choose three for the Writing major, Professional Writing track. One of a group of six courses from which students choose three in the Professional Writing minor. Elective in the Writing major and minor, General Writing track. Prerequisite: WRTG 3305. Fall.

4310 CREATIVE WRITING WITH HYPERTEXTS This course blends theory and practice in an exploration of hypertext literature and the possibilities of creative writing within the hypertext environment. Students will examine various pre-cursors of hyperlinking then work critically and creatively with linear and nonlinear narratives in a hypertext environment. Students will be exposed to current criticism of hypertext, and their projects will be evaluated using emerging aesthetics Prerequisites: WRTG 2310, WRTG 3305, and completion of six hours of upper-division creative writing courses. This class fulfills a "Topics" course requirement On demand.

4320 SEMINAR IN RHETORIC AND CROSS CULTURAL COMMUNICATION Elective for writing majors and minors and other students interested in persuasion. Provides students with an understanding of the impact of rhetorical traditions on written and oral communications in non-Western cultures. Prerequisite: WRTG 1320. Fall.

4324 TOPICS IN CREATIVE WRITING This course will provide students a more concentrated focus on specific areas, sub-genres, trends, schools, and developments in the creative writing discipline. The topics will vary according to instructor interest and expertise. Prerequisite: WRTG 2310 and completion of s hours of upper-division creative writing courses. Fall, spring.

4340 TEACHING CREATIVE WRITING This course is designed for a student who may be teaching creative writing or including creative writing in their curriculu at the K-University levels. Areas to be covered include the history of creative writing pedagogy, up to and including modern pedagogocial approaches to the field. In addition to discussion and lectures, students will observe and describe creative writing classes at levels pertinent to their teaching interests and develo an integrated practice lesson. Prerequisites: WRTG 2310 and completion of six hours of upper-division creative writing courses. This class fulfills a "Topics" course requirement. Annually.

4370 EXEMPLARY STUDIES SENIOR THESIS This course satisfies a requirement for graduation from the Exemplary Studies Undergraduate Scholars Program an for graduation with honors from the major department. The student will enroll in the course in order to prepare for submission, no later than the last day of instruction for the semester in which the student will graduate, an honors thesis (a research paper, project, performance, or presentation) of twenty to thirty pages or the performance equivalent demonstrating original, reasoned research or creative work. Discussion, writing, and groupwork. Fall and spring semesters Prerequisite: Acceptance in major department's Exemplary Studies Program.

4371 NOVEL WRITING WORKSHOP This course explores key aspects of fiction writing as they relate directly to the creation of a novel; that is, a book length work of fiction. The course is designed for those students who are already grounded in the fundamentals of creative writing and who have explore the genre of fiction writing sufficiently well to know that they have ambitions to write novels. Students will learn how to plan, generate, examine, reexamine, expand, cut, and focus a book length imaginative work as well as how to integrate the work of novel writing into one's larger life. Students will compose a portion of their own novels. These novel chapters will be workshopped, and revisions to the chapters will be expected by semester's end. Prerequisites: WRTG 2310 and completion of six hours of upper-division creative writing courses. This class fulfills a "Topics" course requirement. The course will be taught every even year in the spring.

4380 DIRECTED STUDY IN WRITING Provides opportunities for advanced study of specific topics in Composition and Rhetoric, Creative Writing, and Linguistics It is designed for students who have completed basic and intermediate courses and who want to study specific topics that are not offered in the curriculum. Directed Study is especially useful to students who plan to go on to graduate study and to students seeking professional careers in writing. Prerequisite: WRTG 1310 and 1320.

4381 SPECIAL TOPICS IN WRITING An elective for majors and minors in Writing. In-depth investigation of a significant figure, group, historical period, genre, o issue in rhetoric or writing. Content varies. Course may be repeated for credit. Offered on demand. Lecture, discussion, research, writing. Prerequisite: senior status and writing major or minor.

4385 INTERNSHIP IN WRITING Emphasizes professional writing experience from work sites outside the university. Interns are supervised by department faculty and work site manager. The internship also applies to students seeking on-the-job experience in linguistics. Prerequisite: WRTG 1310, 1320, one 3000 level writing course, and consent of department chair.

6610 ADVANCED TEACHING OF WRITING The Central Arkansas Writing Project Summer Institute for the Teaching of Writing is a special, selective, five-week intensive program that gathers exceptional K-12 teachers from the Central Arkansas region to study writing and the teaching of writing from published researc and guest presentations on classroom practices. Prerequisite: Graduate standing and acceptance into workshop. Summer.

Linguistics

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Return to Writing

[1] Courses in Linguistics (LING)

1310 LANGUAGE, CULTURE, AND SOCIETY Language, Culture, and Society provides students with a general understanding of human linguistic behavior and cognition. Students will explore language origins, diversity, mechanism for change, and the similarities and differences of speech across social groups, as well compare their own linguistic culture to that of another. Lecture. Fall, spring.

2320 INTRODUCTION TO LINGUISTICS This course will cover a variety of topics useful to any language-related course of study. Areas covered include sound structure, work structure, and sentence structure; meaning and function of language; language and culture; language and thought; linguistic variation; history o writing systems; and language acquisition. Prerequisite: WRTG 1320. Fall, spring.

2350 WORLD LANGUAGES An introduction to world languages from geographical, historical, social, and psychological perspectives. Emphasis on the diversity i the world's verbal communication systems as well as the universal aspects underlying all human symbolic behavior. Basic introduction to language structure, phonetics/phonology, morphology, syntax, semantics and pragmatics. Fall, spring.

3315 SEMANTICS An upper-division elective for writing majors and minors and for speech and mass communications majors and minors. This course examine meaning in language--how we know what words and sentences mean. At the word level, students will examine such ideas as sense, connotation and extension At the sentence level, students will examine propositions, truth conditions, scope, entailment and implicature. Metaphor, representation, speech acts and conversation will also be discussed. Discussion, lecture, essays, project. Prerequisite: WRTG 1320. Spring.

3325 SOCIOLINGUISTICS An upper-division elective course for writing majors and minors and for anthropological sociology majors and minors. This course examines the connections between language and society and language and culture, including such factors as region, gender, age, race, sexual orientation, and social standing; language varieties, registers and speech communities. Discussion, lecture, short essays and a student project. Prerequisite: WRTG 1320. Fall.

4320 GRAMMATICAL STRUCTURES OF ENGLISH This course focuses on the scientific study of grammar, including lexical categories, phrases, relative clauses participles, grammatical relations and noncanonical sentences. Students will analyze the intricate set of principles and rules of English that determine possible sentences and disallow impossible sentences. Lecture, discussion. Prerequisite: LING 2320 or ENGL 3315. Fall.

4330 LINGUISTICS FOR EDUCATORS This course is designed for students interested in the teaching of writing. Areas covered include the history of grammar, literacy, the teaching of reading, writing and spelling through linguistic principles, the function of language in a class setting, and methods for teaching non-standard English speakers and writers. Discussion, workshop, lecture. Prerequisite: WRTG 1320. Spring.

4345 ANALYTICAL METHODS OF MORPHOLOGY AND SYNTAX A required course for majors in linguistics and an elective for linguistics minor and writing majors and minors. Students will be introduced to the major aspects of morphological and syntactic analysis, the history of grammatical study, and both formal and functional approaches to grammatical analysis. Students will learn the key concepts and terminology associated with grammatical description and apply the to the analysis of problem sets presented from a wide range of the world's languages. Lecture, discussion. Prerequisite: WRTG 2320 or permission of instructor Spring.

4350 PHONOLOGY A required course for linguistics major and an elective for linguistics minors and writing majors and minors. This course introduces student to phonological analysis, including the basics of phonetics and the skills needed to analyze phonological data. Discussion, lecture, workshop. Prerequisite: WRT 2320 or permission of instructor. Fall.

4355 SPECIAL TOPICS IN LINGUISTICS An elective for majors and minors in linguistics or writing. This course will provide students with a more concentrated focus on specific areas or sub-genres within linguistic anthropology. Content varies according to interest and expertise of instructor. Course may be repeated u to three times for credit. Offered on demand. Lecture, discussion. Prerequisite: WRTG 2320 or permission of instructor. On demand.

4360 HISTORICAL LINGUISTICS AND LANGUAGE CHANGE An elective course for Linguistics majors and minors and Writing majors and minors. Students will learn the basic principles of language change, the nature and development of language families and the methods of comparative and internal reconstruction. Language change at the level of phonology, morphology, and syntax will be discussed from a typologically informed perspective. Students will apply basic methodologies used in reconstructing the history and development of languages from proto-languages and to write solutions to data-rich problem sets in clear descriptive prose. Lecture, discussion. Prerequisite: LING 2320. Once every other year.

4370 FIELD METHODS IN LINGUISTICS An elective course for Linguistics majors and minors and Writing majors and minors. Students will explore the sound patterns and grammatical structure of an unfamiliar language by working directly with a native speaker. Students will learn and apply techniques in recording,

transcription, and analysis used by professional linguists to document lesser-known languages that typically do not have a written tradition. Ethical issues in working with language consultants and responsibilities to the speech community will also figure prominently in this course. Students will also learn techniques for processing data, preparing for sessions with the language consultant, and writing research findings in clear, descriptive prose. Lecture, discussion. Prerequisite: LING 2320. Once every other year.

Nutrition (NUTR)

Return to Family and Consumer Sciences

[1] Courses in Family and Consumer Sciences (NUTR) - Nutrition and Food Sciences

1300 NUTRITION IN THE LIFE CYCLE A required course for the dietetic/nutrition and general FACS major, nursing, and other health-related majors. The cours includes a study of principles and application of nutritional information for personal living and relevant information for the health professional. Lecture/discussion. Fall, spring.

2310 FOOD SCIENCE A required course for the dietetic/nutrition and general FACS major. The course includes basic scientific principles applied to food preparation and an analysis of nutritional value, cost, and service of food. Lecture/discussion and laboratory. Prerequisite: NUTR 1300. Fall, spring.

2311 MEAL MANAGEMENT A required course for the dietetic/nutrition and general FACS major. The course focus is the planning, buying, preparing, and servin family meals, food for special occasions, and entertaining. Lecture/discussion and laboratory. Prerequisite: NUTR 1300. Fall, spring.

3350 COMMUNITY NUTRITION A required course for the dietetic/nutrition major. A study of cultural and scientific aspects of food and nutrition as applied to the individual and community. Lecture/discussion. Prerequisite: NUTR 1300. Fall, spring.

3370 ADVANCED NUTRITION A required course for the dietetic major. A study of nutritive needs of the individual with emphasis on the roles of nutrients in th body. Family nutrition and the periods of pregnancy and lactation, infancy, childhood, adolescence, and adulthood are included. Lecture/discussion. Prerequisite NUTR 1300 or consent of instructor. Fall, spring.

3380 FOOD ECONOMICS A required course for the dietetic/nutrition major. A study of problems confronting the dietitian in regard to quantity, quality, processing methods, intended use, and cost of food production. Attention is given to methods of food preservation, preparing food in quantity, organization, and evaluation. Lecture/discussion workshop. Prerequisite: NUTR 2310. Fall.

3390 NUTRITION AND METABOLISM A required course for the dietetic/nutrition major. This course includes a study of the principles and application of macronutrient and micronutrient metabolism, focus on the major metabolic diseases, and relevant information for the health professional. Lecture/discussion. Prerequisite: NUTR 3370 and CHEM 1402. Fall, spring.

4301 RESEARCH IN FAMILY AND CONSUMER SCIENCES/NUTRITION A required course for the dietetic/nutrition major. The course includes a study of techniques for problem design, analysis, and evaluation in one of the specialization areas of family and consumer sciences. Workshop. Prerequisite: Senior standing. Fall, spring.

4315 SPORTS NUTRITION A required course for the dietetic major and KPED athletic training program and a recommended elective for the FACS major. The course examines the nutritional needs of exercising individuals with a focus on wellness. Lecture/discussion. Prerequisite: NUTR 1300. Fall, spring.

4321 NUTRITIONAL SERVICES ADMINISTRATION A required course for the dietetic major. The course focus is on food service operations relating to management principles, methods of control, sanitation, and safety and training of food service personnel. Lecture. Prerequisite: NUTR 2310. Spring.

4325 MEDICAL NUTRITION THERAPY I A required course for the dietetic major . A study of nutrition as a medical specialty from the perspective of disease prevention and treatment, including nutritional assessment, patient interviewing strategies, medical terminology, and charting techniques. Lecture and laborator Prerequisite: NUTR 3370 and BIOL 2405. Fall.

4330 WORKSHOP An elective course for nutrition majors. Workshops are planned and conducted to cover varying areas of interests and needs. Prerequisite: Senior standing. On demand.

4335 NUTRITION SENIOR SEMINAR A required course for nutrition majors. This course is designed to provide a comprehensive review of the nutrition curriculum including the nutrition care process, management and business theories, quality management of food/nutrition services, governance of the dietetics practice, fundamentals of public policy relevant to the dietetics profession and content related to health care systems. The course will provide opportunities for students to strengthen communication skills and improve ability to interpret professional literature. Lecture/discussion. Prerequisite: senior standing. Fall, sprin

4340 GERIATRIC NUTRITION This course is designed to provide students with a comprehensive overview of nutritional needs of older adults. The topics will he students gain insight related to physiological changes, diseases and environmental factors affecting the nutritional status of aging adults. Prerequisites: NUTR 1300 and BIOL 2405. Fall.

4351 EXPERIMENTAL FOOD SCIENCE A required course for the dietetic major. The course includes a study of physical and sensory evaluation and experimentation with properties of fats, carbohydrate mixtures, protein foods, and food additives. Lecture and laboratory. Prerequisite: NUTR 2310, 3370 and 4301. Spring.

4374 MEDICAL NUTRITION THERAPY II A required course for dietetic major. Continued study of nutrition in therapeutic dietary treatment of nutritional problems in disease states. Includes in-depth case studies. Lecture/discussion. Prerequisite: NUTR 4325. Spring.

4395 NUTRITION: CONTEMPORARY ISSUES A required course for nutrition majors and an elective course for FACS majors and other health-related majors. Th course includes a study of the principles and application of sound weight-management programs; focus on the popular weight control diets, supplements/meal replacements, and programs and other relevant information for the health professional. Lecture and discussion. Prerequisite: NUTR 1300

Textiles and Clothing (FACS)

Return to Family and Consumer Sciences

1370 INTERIOR AND APPAREL CONSTRUCTION 1 A required course for the general FACS and FACS education major and an elective for the interior design major. The course includes principles of construction for both interiors and apparel with emphasis on workroom techniques.

2360 TEXTILES A required course for the interior design and general FACS major. The course includes a study of the fundamental weaves, yarns, fibers, colors, and finishes with reference to selection of fabrics for clothing and home furnishings. Lecture/discussion. Fall, spring.

2380 ADVANCED CLOTHING CONSTRUCTION An elective course for the general FACS major. The course focus is planning clothing needs of the individual or family. Design and construction of garments from synthetic and wool fabrics is included. Lecture and laboratory. Prerequisite: FACS 1370. On demand.

3360 CONSUMER PROBLEMS IN CLOTHING A required course for the general FACS major. A study of the sociological, psychological, and economic aspects of clothing selection; wardrobe management; professional image and apparel evaluation. Workshop format. Spring.

3361 INTERIOR AND APPAREL CONSTRUCTION 2 An elective course for majors and non-majors. The course includes advanced techniques for interior and apparel workroom construction. Lecture/laboratory. Prerequisite: FACS 1370. Spring.

Child and Family Life (FACS)

Return to Family and Consumer Sciences

2341 LIFESPAN DEVELOPMENT A required course for dietetic and general FACS majors. A study of the physical, cognitive, social, and emotional development, and changes of the individual over the life span. Lecture with directed field experience required. Fall, spring.

2351 FAMILY RELATIONS A required course for all FACS specialization areas. The focus is on issues confronting the family including study of marriage, and single, group, and family living through stages of the family life cycle. Lecture. Fall, spring.

3318 PARENT ISSUES A required course for the general FACS and FACS education major. The course is a study of the basic principles and skills for parent effectiveness including application of fundamental tasks and issues in child rearing to unique characteristics and developmental stages of children. Lecture with directed observation assignments. Fall, spring.

Consumer Education and Resource Management (FACS)

Return to Family and Consumer Sciences

3311 RESOURCE MANAGEMENT A required course for the dietetic, general FACS and FACS education major. The course focus is on the decision-making process and management principles applied to consumer activities and personnel management for the dietitian. Observation and analysis of diverse family practices and food service administrators is required. Lecture with required directed observations. Prerequisite: NUTR 2310 or permission of instructor. Fall, spring.

3372 PERSONAL & FAMILY FINANCE A required course for the dietetic/nutrition and general FACS education major. A study of consumer problems related to management of family resources and the role of family and consumer sciences in assisting families manage personal finances. Lecture/discussion with compute laboratory assignments required. Fall, spring.

Education (FACS)

Return to Family and Consumer Sciences

3456 METHODS IN FAMILY AND CONSUMER SCIENCES EDUCATION A required course for the dietetic and FACS education major. The course will emphasize techniques of teaching, curriculum planning, using instructional technology, guidelines for presentations and educational objectives. Lecture/discussion. Fall, spring.

4355 CURRICULUM DEVELOPMENT IN FAMILY AND CONSUMER SCIENCES EDUCATION A required course for the FACS education major. The course will focu on curriculum development, planning and assessment in Family and Consumer Sciences programs. The course also examines student organizations, public relations and community involvement programs as an important component of the secondary curriculum. Lecture/discussion. Prerequisite: Admission to teache education. Fall, spring.

4350 INTERNSHIP I A required course for the FACS education major.Internship I is part of the senior block for candidates in secondary education. The internsh occurs in appropriate public school settings where the candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors.

4680, 4681 INTERNSHIP II The Internship II courses comprise the final semester of work in the Teacher Education Program. The internships are conducted in public schools in sites and grade levels appropriate to the desired licensure level. Candidates work under the supervision of public school and university professionals.

Interior Design (IDSN)

Return to Family and Consumer Sciences

2390 INTRODUCTION TO INTERIOR DESIGN A required course for the interior design and general FACS major. The course will include application of design fundamentals to elementary problems of interior design. Lecture with studio assignments. Fall, spring.

2391 INTERIOR DESIGN STUDIO A required course for the interior design major. A studio course for the exploration and application of design methodology to interior environments. Studio. Prerequisite: IDSN 2390 with grade of C or better or consent of instructor. Fall, spring.

2392 INTERIOR DESIGN DRAWING AND RENDERING A required course for interior design majors. A studio course in media application for the interior design process. Studio. Prerequisite: IDSN 2391 with grade of C or better. Fall.

3300 HOME PLANNING A required course for interior design and general FACS majors. The course includes a study of architectural styles, planning of a home, and analysis of environmental and economic resources. Lecture/discussion. Spring.

3305 INTERIOR LIGHTING AND CODES A required course for the interior design major. The course includes an analysis and application of lighting standards and codes necessary for programming, problem solving, and space planning of interior spaces. Lecture/discussion with studio applications. Prerequisite: IDSN 2391 with grade of C or better. Fall.

3315 RESIDENTIAL INTERIOR DESIGN A required course for the interior design major. The course includes advanced studies in residential design layouts, applied advanced design methodology, and design communication. Studio. Prerequisite: IDSN 3335 with a grade of C or better. Fall.

3325 COMMERCIAL INTERIOR DESIGN A required course for the interior design major. The course includes studies in commercial and business furniture selection and arrangement, textiles, accessories, space distribution, cost estimating, programming, post-occupancy evaluation, and applied graphic communication. Studio. Prerequisite: IDSN 3315 with a grade of C or better. Fall, spring.

3335 DESIGN COMMUNICATION A required course for the interior design major. The course includes media and techniques of graphic communication as an ai to the interior design process. Studio. Prerequisite: IDSN 2391 with grade of C or better. Fall.

3340 HISTORY OF INTERIORS, ARCHITECTURE, AND FURNITURE I A required course for interior design majors. The course includes a comparative analysis of interiors, architecture and furnishings as related to the development of Western civilization (Ancient-Renaissance). Lecture. Prerequisite: IDSN 2390 with grade o C or better. Fall.

3341 HISTORY OF INTERIORS, ARCHITECTURE, AND FURNITURE II A required course for interior design majors. The course includes a comparative study of t modern movement including interiors, architecture, furnishings, and designers (Early Modern World-present). Lecture. Prerequisite: IDSN 2390 with grade of C o better. Spring.

3350 FUNDAMENTALS OF KITCHEN AND BATH DESIGNS An elective course for the interior design major. This course includes a study of the aesthetic and technical elements of kitchen and bath design. Lecture/discussion. Fall and spring semesters. Prerequisites: IDSN 3335 with a grade of C or better.

3355 INTRODUCTION TO HISTORIC PRESERVATION An elective course for the interior design major. This course includes a study of historic preservation as it relates to law, architecture, interiors, public history, and social responsibilities. Lecture/discussion. Fall semester. Prerequisites: IDSN 3300 and 3335.

3365 INTRO TO CAD DRAFTING A required course for interior design majors. AutoCAD commands are introduced through interior design and space planning exercises. Prerequisite: IDSN 2391 with a grade of C or better. Fall, spring.

3375 ARCHITECTURAL DRAFTING A required course for interior design majors. A continuation of AutoCAD commands for interior design and space planning exercises. Prerequisite: IDSN 3365 with a grade of C or better. Fall, spring.

4305 ADVANCED INTERIOR DESIGN STUDIO A required course for interior design majors. Includes advanced studies in commercial and residential interiors. Selected aspects of office systems, forms and logistics of money and materials, as they apply to the practice of interior design. Studio. Prerequisite: IDSN 3325 with grade of C or better. Fall, spring.

4320 INTERIOR DESIGN SENIOR SEMINAR A required course for interior design majors. The course is an in-depth study of the interior design profession and relationship to other design professions. Workshop. Prerequisite: IDSN 3325 with a grade of C or better. Spring.

4600 INTERNSHIP An elective course for the interior design major. The course is an internship experience in interior design under professional and educationa supervision. Internship. Prerequisite: Senior standing and consent of department chair. Fall, spring, summer.

Family and Consumer Sciences (FACS)

Return to Family and Consumer Sciences

[1] Textiles and Clothing

1370 INTERIOR AND APPAREL CONSTRUCTION 1 A required course for the general FACS and FACS education major and an elective for the interior design major. The course includes principles of construction for both interiors and apparel with emphasis on workroom techniques.

2360 TEXTILES A required course for the interior design and general FACS major. The course includes a study of the fundamental weaves, yarns, fibers, colors, and finishes with reference to selection of fabrics for clothing and home furnishings. Lecture/discussion. Fall, spring.

2380 ADVANCED CLOTHING CONSTRUCTION An elective course for the general FACS major. The course focus is planning clothing needs of the individual or family. Design and construction of garments from synthetic and wool fabrics is included. Lecture and laboratory. Prerequisite: FACS 1370. On demand.

3360 CONSUMER PROBLEMS IN CLOTHING A required course for the general FACS major. A study of the sociological, psychological, and economic aspects of clothing selection; wardrobe management; professional image and apparel evaluation. Workshop format. Spring.

3361 INTERIOR AND APPAREL CONSTRUCTION 2 An elective course for majors and non-majors. The course includes advanced techniques for interior and apparel workroom construction. Lecture/laboratory. Prerequisite: FACS 1370. Spring.

[2] Child and Family Life

2341 LIFESPAN DEVELOPMENT A required course for dietetic and general FACS majors. A study of the physical, cognitive, social, and emotional development, and changes of the individual over the life span. Lecture with directed field experience required. Fall, spring.

2351 FAMILY RELATIONS A required course for all FACS specialization areas. The focus is on issues confronting the family including study of marriage, and single, group, and family living through stages of the family life cycle. Lecture. Fall, spring.

3318 PARENT ISSUES A required course for the general FACS and FACS education major. The course is a study of the basic principles and skills for parent effectiveness including application of fundamental tasks and issues in child rearing to unique characteristics and developmental stages of children. Lecture with directed observation assignments. Fall, spring.

[3] Consumer Education and Resource Management

3311 RESOURCE MANAGEMENT A required course for the dietetic, general FACS and FACS education major. The course focus is on the decision-making process and management principles applied to consumer activities and personnel management for the dietitian. Observation and analysis of diverse family practices and food service administrators is required. Lecture with required directed observations. Prerequisite: NUTR 2310 or permission of instructor. Fall, spring.

3372 PERSONAL & FAMILY FINANCE A required course for the dietetic/nutrition and general FACS education major. A study of consumer problems related to management of family resources and the role of family and consumer sciences in assisting families manage personal finances. Lecture/discussion with compute laboratory assignments required. Fall, spring.

[4] Family and Consumer Sciences Education

3456 METHODS IN FAMILY AND CONSUMER SCIENCES EDUCATION A required course for the dietetic and FACS education major. The course will emphasize techniques of teaching, curriculum planning, using instructional technology, guidelines for presentations and educational objectives. Lecture/discussion. Fall, spring.

4355 CURRICULUM DEVELOPMENT IN FAMILY AND CONSUMER SCIENCES EDUCATION A required course for the FACS education major. The course will focu on curriculum development, planning and assessment in Family and Consumer Sciences programs. The course also examines student organizations, public relations and community involvement programs as an important component of the secondary curriculum. Lecture/discussion. Prerequisite: Admission to teache education. Fall, spring.

4350 INTERNSHIP I A required course for the FACS education major.Internship I is part of the senior block for candidates in secondary education. The internsh occurs in appropriate public school settings where the candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors.

4680, 4681 INTERNSHIP II The Internship II courses comprise the final semester of work in the Teacher Education Program. The internships are conducted in public schools in sites and grade levels appropriate to the desired licensure level. Candidates work under the supervision of public school and university

professionals.

[5] General Courses

3173 SPECIAL PROBLEMS IN FAMILY AND CONSUMER SCIENCES An elective course for all areas of FACS. Individual work under supervision in any one of the specialization areas of family and consumer sciences. Workshop or directed observation. Fall, spring.

4301 RESEARCH IN FAMILY AND CONSUMER SCIENCES An elective course for the FACS major. The course includes a study of techniques for problem design, analysis, and evaluation in one of the specialization areas of family and consumer sciences. Workshop. Prerequisite: Senior standing. Fall, spring.

4600 INTERNSHIP An elective course for the FACS major. The course is an internship experience in family and consumer sciences under professional and educational supervision. Internship. Prerequisite: Senior standing and consent of department chair. Fall, spring, summer.

4130, 4230, 4330 WORKSHOP An elective course for any specialization area in FACS. Workshops are planned and conducted to cover varying areas of interests and needs. Prerequisite: Senior standing. On demand.

Health Sciences

Undergraduate Bulletin
Document Number 4.04.03(a)

Return to Health Sciences

[1] Courses in Health Education (H ED)

1200 SAFETY EDUCATION Required core course for the major in health education, health occupations option. Students acquire knowledge and skills in acciden prevention and general safety education. Lecture/discussion, projects. On demand.

1320 CONCEPTS OF LIFETIME HEALTH AND FITNESS Required general education health studies course designed to help students adopt and maintain the behaviors associated with an active and healthy lifestyle. The course uses a team-teaching approach between the Department of Kinesiology and Physical Education and the Department of Health Sciences. Primary methods of instruction include lecture/discussion, interactive video, student participation in a health risk appraisal, a behavior-change project, journal writing, fitness-assessment laboratories, a fitness prescription and implementation, and required participation in a variety of physical activities. Students with disabilities limiting their participation should contact the Office of Disability Support Services and enroll in KPED 1191 and H ED 2200 under the guidance of their advisor. To earn a passing grade for this course, students must earn a passing grade in both the health and fitness sections. Fall, spring, summer.

2200 PERSONAL HEALTH Elective course emphasizes the impact daily behavioral choices have on prevention of chronic/communicable diseases. Lecture/discussion, interactive video, projects. Fall, spring.

2201 FIRST AID Required for BS in health sciences, emphasis in health services administration. CPR, accredited by American Heart Association, is required for specific majors in the College of Health and Behavioral Sciences. Students acquire basic first aid skills. Lecture/discussion, interactive video, skill demonstration practice, and testing. Fall, spring, summer, intersession.

2310 INTRODUCTION TO GERONTOLOGY Required for BS in health sciences, emphasis in gerontology. Multidisciplinary introduction to study of human aging Lecture/discussion. Fall.

2320 MENTAL HEALTH Elective. Skills and principles of mental health applied to everyday living. Lecture/discussion, projects. Fall, spring.

3120 PREVENTION PRACTICUM Required for students earning a BS in health education, emphasis in prevention. Provides practical experiences in a prevention resource center under supervision of a certified prevention specialist. Observation, workshops. Fall.

3300 METHODS AND MATERIALS Core course for BS in health education. Techniques, resources, and references used in health education programs. Lecture/discussion, projects. Prerequisite. H ED 1320 or 2200. Fall, spring.

3301 THEORETICAL BASES OF HEALTH EDUCATION Core course for BS in health education. Principles and foundations of selected disciplines that contribute health education. Lecture/discussion. Prerequisite H ED 1320 or 2200. Fall, spring.

3302 THE ELEMENTARY SCHOOL HEALTH PROGRAM Elective. Preparation of elementary teachers and/or school health coordinators for appropriate roles in th school health program. Lecture/discussion, projects. Prerequisite H ED 1320 or 2200. On demand.

3305 HUMAN SEXUALITY Elective. Physical, psychological, and social factors involved in human sexual behavior. Lecture/discussion. Prerequisite H ED 1320 o 2200. Fall, spring.

3310 FUNDAMENTALS OF OCCUPATIONAL HEALTH Elective. Recognition, evaluation, and control of variables affecting environmental health in the workplace Lecture/discussion. Prerequisite: Junior standing or consent of instructor. On demand.

3315 THEORY AND PRACTICE OF PREVENTION Core for BS in health education, emphasis in prevention and BS in health sciences, emphasis in health services administration. Develops competencies in theory/practice of prevention. Lecture/discussion, projects. Fall.

3320 EPIDEMIOLOGICAL RESEARCH Core for BS in health education. Special emphasis on application of basic concepts and principles of epidemiology and research. Lecture/discussion, projects. Fall, spring.

4300 COMMUNITY HEALTH Core for BS in health education. Resources and programs designed to meet community health needs. Lecture/discussion, projects Spring.

4301 HEALTH EDUCATION IN THE MEDICAL CARE SETTING Core for BS health sciences, emphasis in health services administration. Application of principles and theories of individual and group education in a medical care setting. Lecture/discussion, projects. Spring.

4302 HEALTH EDUCATION IN THE WORKSITE Elective. Planning, implementing, and evaluating health promotion programs in the worksite. Lecture/discussion projects. Spring.

4303 ENVIRONMENTAL HEALTH PROBLEMS Elective. Environmental health issues that influence human health. Lecture/discussion, projects. Fall

4310 HEALTH CONCERNS OF THE AGING Elective. Physiological, psychological, intellectual, social and spiritual dimensions of health for the aging are addressed. Spring

4312 DRUG EDUCATION Elective. An overview of the major drugs of use and abuse and their effects on the individual, family, and society. Emphasis on researc based approaches in drug abuse prevention. Lecture discussion projects. Fall, spring, summer.

4320 HEALTH PROMOTION INTERVENTIONS Designed to provide health science students with a comprehensive overview of community-based health promotion interventions. Special emphasis will be placed on prepareing students to use communication and social marketing strategies in the public health setting. The course seeks to enhance students' knowledge and skills in the fundamental aspects of environmental rather than individual behavior change strategies. Prerequisite: H ED 3301 or H ED 4331.

4331 PROGRAM PLANNING AND EVALUATION Core for BS in health education. Theories and models are applied in diagnosis, planning, implementation, and evaluation of health education programs. Lecture/discussion, projects. Fall, (summer on demand).

4343 HEALTH STRATEGIES FOR MULTICULTURAL POPULATIONS Required for selected majors in College of Health and Behavioral Sciences. Acquaints student with parameters of various ethnic groups, integrates health programs into ethnic environments, and promotes the application of research skills in selected populations. Lecture/discussion. Cross listed with SOC 4343. Students will receive credit for only one of the courses. Spring.

4350 HEALTH EDUCATION TECHNIQUES IN THE ELEMENTARY SCHOOL Elective. Provides the elementary teacher with skills and techniques for teaching healt education. Lecture/discussion, projects. On demand.

4351 HEALTH EDUCATION TECHNIQUES IN THE MIDDLE SCHOOL Elective. Provides the middle school teacher with skills and techniques for teaching health education. Lecture/discussion, projects. On demand.

4352 HEALTH EDUCATION TECHNIQUES IN THE JUNIOR HIGH SCHOOL Elective. Provides the junior high school teacher with skills and techniques for teachir health education. Lecture/discussion, projects. On demand.

4361 DRIVER EDUCATION Elective. Prepares high school teachers in driver education and training. Lecture/discussion, interactive video. Fall.

4362 ADVANCED DRIVER EDUCATION Elective. Prepares high school teachers in driver education and training. Lecture/discussion, interactive video. Prerequisite: H ED 4361. Spring.

4365 FIELD EXPERIENCES IN HEALTH EDUCATION Elective. Students apply theory to practice in health education through field experiences. On demand.

4370 ADMINISTRATION OF HEALTH PROGRAMS Core for BS in health education. Organization and administration of health programs. Lecture/discussion, projects. Prerequisite: H ED 1320 or 2200. Fall, spring.

4390, 4290, 4190 DIRECTED INDEPENDENT STUDY Elective. Faculty directed student research activities.

4395 CONTEMPORARY HEALTH CONCERNS: WOMEN Elective. Focuses on preventive health practices unique to women and application of self-help skills needed to cope with the health care system with confidence and competence. Social, psychological, political, and economical factors that influence women's health are addressed. Lecture/discussion, projects. Fall, spring.

4396 CONTEMPORARY HEALTH CONCERNS: MEN Elective. Focuses on preventive health practices unique to men and application of self-help skills needed to cope with the health care system with confidence and competence. Social, psychological, political, and economic factors that influence men's health are addressed. Lecture/discussion, projects. On demand.

4600 HEALTH SCIENCES INTERNSHIP Core for BS in health education and BS in health sciences, emphasis in health services administration. Directed field experiences provided in community health agencies and medical related settings. Projects. Fall, spring, summer.

2101, 2202, 2302 WORKSHOP IN HEALTH EDUCATION Elective. Specific topics dealing with current issues and problems in health education. Lecture/discussion, projects. On demand in summer.

4414, 4214, 4314 WORKSHOP IN HEALTH EDUCATION Elective. Specific topics dealing with current issues and problems in health education. Lecture/discussion, projects. On demand.

HealthScience

Undergraduate Bulletin
Document Number 4.04.03(b)

Return to Health Sciences

[1] Courses in Health Science (H SC)

1110 INTRODUCTION TO MEDICAL TERMINOLOGY Introduction to Medical Terminology utilizes a body systems approach and word parts in learning how to understand complex medical terminology. Root words (indicating parts of body involved), suffixes (indicating procedure, condition, disorder or disease involved prefixes (indicating word parts that indicate location, time, number of status), pronunciation, proper spelling, abbreviations, singular and plural endings and look-alike, sound-alike terms are all addressed during the course.

3123 MEDICAL TERMINOLOGY Required for the BS in health sciences, emphasis in health services administration. Fundamentals of medical etymology and abbreviations as a basis for building a professional vocabulary. Independent study. Fall, spring.

4210 PRINCIPLES OF PATIENT CARE Elective. Psychological and sociological aspects of disability. Lecture/discussion. On demand.

4305 TECHNOLOGY APPLICATIONS IN THE HEALTH SCIENCES Elective. Explores computer-assisted health instruction/training; computerized health assessments; health promotion and the Internet; common uses of spreadsheets, databases, presentation, and desktop publishing software. Lecture/discussion, projects. Fall, spring.

4310 FUNCTIONAL NEUROANATOMY Required for BS in health sciences, emphasis in physical therapy. Structure and function of the peripheral, central, and autonomic nervous systems, including laboratory study of specimens of the human brain and spinal cord. Emphasis on the application of principles to clinical problems. Lecture. Prerequisite: consent of instructor. Fall, spring.

4400 GROSS ANATOMY Required for BS in health sciences, emphasis in occupational therapy. Structural aspects of the human body. Lecture and laboratory study of prosected cadaver specimens. Prerequisite: Consent of instructor. Fall, spring.

[2] Courses for the BS Program in Addiction Studies (H SC)

2310 ADDICTION COUNSELING: THEORY & PRACTICE Required. Techniques of individual and family counseling as applied to issues around addictions. Fall an spring.

2320 ADDICTIONS: ASSESSMENT, INTERVENTION & TREATMENT PLANNING Required. Assessment of addiction disorders as found in the latest Diagnostic an Statistical Manual (DSM-IV-TR) of mental disorders. Intervention techniques and client treatment planning is included. Fall, spring.

2330 ETIOLOGY & EPIDEMIOLOGY OF ADDICTION Required. Influence of psychological, physiological, and socio-cultural factors as they impact addiction will be examined. Fall.

3310 GROUP COUNSELING SKILLS Required. The course places special emphasis on counseling the addicted person in a group setting. Counseling models and multicultural issues are addressed. Prerequisite, HSC 2310. Spring.

3320 LEGAL AND ETHICAL ISUES IN ADDICTION Required. Legal and ethical issues that confront the addictions professional are identified. Various ethical codes are explored. Spring.

3330 FAMILY SYSTEMS & ADDICTION Required. Addictions in relations to family systems are addressed. Special emphasis is given to imbalances in family systems and adult children of alcoholics. Fall, spring.

4610 PRACTICUM IN SUBSTANCE ABUSE (300 HOURS) Required. The Practicum experience provides a hands on experience with clients with addictive behavior The course is directed by faculty and a supervisor in a placement setting. On demand.

Kinesiology and Physical Education Activity Courses

Return to Kinesiology and Physical Education

[1] Activity Courses (KPED)

The Department of Kinesiology and Physical Education offers activity courses that meet three hours per week for half of the semester and carry one semester hour of credit. The courses are organized into five categories: dance, lifetime fitness, aquatics, outdoor leisure pursuits, and sports and games. Letter grades ar based on physical, cognitive, and psychosocial behaviors demonstrated by students. Activity courses are designed to (1) offer regulated and supervised activitie to improve and maintain physical fitness and sports skills, (2) teach activities that may serve as lifetime sports and recreation during leisure time, and (3) devel a positive attitude toward the need for and benefits of a physically active life.

[1.1] Dance

1100 MEN'S BEGINNING BALLROOM DANCE An elective kinesiology and physical education course. Students are introduced to the basic skills and techniques the fox trot, waltz, cha cha, swing, and tango. Activity and lecture. On demand.

1101 WOMEN'S BEGINNING BALLROOM DANCE An elective kinesiology and physical education course. Students are introduced to the basic skills and techniques of the fox trot, waltz, cha cha, swing, and tango. Activity and lecture. On demand.

1102 SQUARE DANCE An elective kinesiology and physical education course. Students are introduced to the basic skills and techniques of square dance. Activi and lecture. On demand.

[1.2] Lifetime Fitness

1104 AEROBIC DANCE An elective kinesiology and physical education course. Students will be introduced to the basic physiological principles associated with aerobic step training and interval training. Activity and lecture. On demand.

1105 ADVANCED AEROBIC DANCE An elective kinesiology and physical education course. This course provides students an opportunity to gain in-depth understanding of the benefits of aerobic dance in improving fitness. Students must perform an advanced level of dance and exercise skills. Prerequisite: KPED 1104 or consent of instructor. On demand.

1113 SWIMMING FOR FITNESS An elective kinesiology and physical education course. This course is designed for students who want to improve fitness throug an individualized swimming program. Primary methods of instruction include activity and lecture. On demand.

1125 CONDITIONING ACTIVITIES An elective kinesiology and physical education activity course as well as a required course for the athletic training education program. This course focuses on the development of student-designed exercise programs to improve fitness through the use of various exercise modes (e.g., select cardiovascular equipment, walking and jogging, and swimming). Activity and lecture. A grade of C or better is required in the athletic training education program. Fall, spring, summer.

1135 BEGINNING WEIGHT TRAINING An elective kinesiology and physical education course as well as a required course for the athletic training education program. This course focuses on how to use weight-training apparatus. The basic lifts of weight-training and the knowledge necessary to develop personal weight training programs is covered. Activity and lecture. A grade of C or better is required in the athletic training education program. Fall, spring, summer.

1145 BEGINNING WALKING/JOGGING An elective kinesiology and physical education course. This course teaches students how to properly use walking/joggin as a means of developing and maintaining cardiovascular fitness throughout life. Activity and lecture. On demand.

1291 PRINCIPLES OF LIFETIME FITNESS An elective kinesiology and physical education course. This course stresses physical activities as a means of developin and maintaining physical fitness throughout life and introduces students to a variety of lifetime physical activities while encouraging the development of physic fitness as part of the class. Activity and lecture. On demand.

[1.3] Aquatics

1110 BEGINNING SWIMMING An elective kinesiology and physical education course. Basic water adjustment skills, swimming strokes, and safety skills accordin to the American Red Cross beginner- and advanced beginner-level program. Activity and lecture. On demand.

1111 ADVANCED SWIMMING I: LIFEGUARDING An elective kinesiology and physical education course. This course is the study and practice of lifesaving techniques, knowledge, and skills preparing students for lifeguarding certification by the American Red Cross. Prerequisite: Students must possess swimmer-lev skills (i.e., swim 500 yards using required strokes, tread water without use of arms for two minutes, and retrieve 10 pound object from 7 feet of water). Activity and lecture. On demand.

1112 INTERMEDIATE SWIMMING An elective kinesiology and physical education course. This course introduces students to swimming strokes and safety skills according to the American Red Cross intermediate-level program. Activity and lecture. On demand.

3100 ADVANCED SWIMMING II: WATER SAFETY INSTRUCTOR An elective kinesiology and physical education course. This course provides experiences in perfecting and teaching water skills to meet requirements for American Red Cross instructor certification. Prerequisite: Students must posses swimmer-level skills. Activity and lecture. On demand.

[1.4] Outdoor Leisure Pursuits

1126 BEGINNING ARCHERY An elective kinesiology and physical education course. This course introduces students to the basic skills and techniques of target shooting. Activity and lecture. On demand.

1129 ORIENTEERING An elective kinesiology and physical education course. This course introduces students to outdoor skills that increase awareness of the physical environment and physical fitness. Activity and lecture. On demand.

1130 BASIC CANOEING An elective kinesiology and physical education course. This course introduces students to the basic skills and knowledge of canoeing including safety procedures and recreational aspects. Activity and lecture. On demand. (Note: An additional fee will be charged to cover equipment rental and maintenance.)

1180 MARKSMANSHIP AND HUNTER SAFETY An elective kinesiology and physical education course. This course introduces students to marksmanship techniques and safety procedures used in the proper handling of guns. Activity and lecture. On demand.

[1.5] Sports and Games

1121 BEGINNING TENNIS An elective kinesiology and physical education course. This course introduces students to the basic strokes, history, rules, and strate of the game. Activity and lecture. On demand.

1122 BEGINNING GOLF An elective kinesiology and physical education course. This course introduces students to the basic strokes, rules, history, and strategy of the game. Activity and lecture. On demand. (Note: Bowling and golf classes are held at commercial establishments; a participation fee based on current price will be charged.)

1123 BOWLING An elective kinesiology and physical education course. This course introduces students to basic skills and techniques, rules, and scoring of the game. Activity and lecture. On demand. (Bowling and golf classes are held at commercial establishments; a participation fee based on current prices will be charged.)

1124 BEGINNING VOLLEYBALL An elective kinesiology and physical education course. This course provides students the opportunity to learn the basic skills an terminology of volleyball. Activity and lecture. On demand.

1127 BEGINNING BADMINTON An elective kinesiology and physical education course. This course introduces students to the basic skills, techniques, and strategies of the game. Activity and lecture. On demand.

1128 BEGINNING GYMNASTICS: WOMEN An elective kinesiology and physical education course. This course introduces students to the basic skills and techniques of tumbling, balance beam, vaulting, and uneven bars. Activity and lecture. On demand.

1173 BEGINNING GYMNASTICS: MEN An elective kinesiology and physical education course. This course introduces students to the basic skills and techniques of tumbling, rings, vaulting, and parallel bars. Activity and lecture. On demand.

1181 RACQUETBALL An elective kinesiology and physical education course. This course introduces students to the basic skills, rules, and strategies of the game. Activity and lecture. On demand.

1191, 1192, 1193, 1194 ADAPTED PHYSICAL EDUCATION ACTIVITIES An elective kinesiology and physical education course designed for students with spec needs. This course provides an individualized exercise prescription designed to enhance students' physical capabilities. May be repeated up to four times. Activity and lecture. Prerequisite: Consent of Instructor and written clearance by physician's authorization.

Kinesiology and Physical Education

Return to Kinesiology and Physical Education

[1] Courses in Kinesiology and Physical Education (KPED)

1320 CONCEPTS OF LIFETIME HEALTH AND FITNESS A required general education health studies course designed to help students adopt and maintain the behaviors associated with an active and healthy lifestyle. The course uses a team-teaching approach between the Department of Kinesiology and Physical Education and the Department of Health Sciences. Primary methods of instruction include lecture/discussion, interactive video, student participation in a health-risk appraisal, a behavior-change project, journal writing, fitness-assessment laboratories, a fitness prescription and implementation, and required participation in a variety of physical activities. Students with disabilities limiting or excluding participation in physical activities should contact the Office of Disability Support Services and enroll in KPED 1191 and HED 2200 under the guidance of their advisor. To earn a passing grade for this course, students must earn a passing grade in both the health and fitness sections. Fall, spring.

1350 INTRODUCTION TO ATHLETIC TRAINING A prerequisite course required of all students considering athletic training as a major. This course introduces athletic training as a health care profession and outlines its history and the role of the National Athletic Trainers' Association (NATA), Board of Certification (BOC) and licensure in professional practice. The course focuses on the professional preparation of athletic trainers and their role as health care professionals and provides students with an understanding of the prevention, assessment, diagnosis, care, management and rehabilitation of injuries and illnesses. Students will be assessed on basic athletic training skills. Lecture, discussion, laboratory, and required athletic training room observation. Prerequisite: BIOL 1400 or 1440 with a grade of C or better. Fall.

2201 BASIC RHYTHMICS A course required of kinesiology and physical education majors. This course introduces students to the development of sequential fundamental movement patterns, creative rhythms, singing games, basic folk, round, and square dance. Lecture, activity, micro-teaches, and a required 15-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2203 GAMES FOR ELEMENTARY GRADES A course required of kinesiology and physical education majors. This course introduces students to the sequential development of individual and group game skills through drills, relays, line, circle, tag, lead-up, and classroom games. Lecture, activity, and a required 15-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand. Note: Proficiencies are earned in the teaching courses KPED 2212, 2213, 2214, 2215 or 2216, 2222, 2223, 2224, 2225, 2226, 2227, 2228, and 2229. Refer to proficiency requirements outlined for each degree program and emphasis.

2212 TEACHING BOWLING AND GOLF An elective individual-sport course for kinesiology and physical education majors. Course content is presented in two half-term sessions. The course emphasizes the rules, skills, and strategies used to participate in and teach bowling and golf. Lecture, activity, micro-teaches, and a 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2213 TEACHING ARCHERY AND BADMINTON An elective individual-sport course for kinesiology and physical education majors. Course content is presented in two half-term sessions. The course emphasizes the rules, skills, and strategies used to participate in and teach archery and badminton. Lecture, activity, micro-teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand. Spring.

2214 TEACHING TENNIS An elective individual-sport course for kinesiology and physical education majors and athletic training majors. This course emphasizes the rules, skills, and strategies used to participate in and teach tennis. Lecture, activity, micro-teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. Fall, spring.

2215 TEACHING GYMNASTICS: WOMEN An elective individual-sport course of kinesiology majors and athletic training majors. This course emphasizes the rules, skills, and strategies used to participate in and teach gymnastics. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2216 TEACHING GYMNASTICS: MEN An elective individual-sport course for kinesiology and physical education majors and athletic training majors. This course emphasizes the rules, skills, and strategies used to participate in and teach gymnastics. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2222 TEACHING RACQUETBALL An elective individual-sport course for kinesiology and physical education majors. This course emphasizes the rules, skills, and strategies used to participate in and teach racquetball. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major or minor status or consent of instructor. On demand.

2223 TEACHING OUTDOOR EDUCATION AND RECREATIONAL GAMES A required course for kinesiology and physical education majors. Course content is presented in two half-term sessions. The outdoor-education section introduces students to a variety of individual and team self-testing activities while the recreational-games section covers a variety of individual and dual games. Both sections emphasize the importance of and benefits from the inclusion of these types of activities in the physical education curriculum and in the individual's use of leisure time. Lecture, activity, micro-teaches, and a required field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. Spring, summer.

2224 TEACHING SOCCER AND BASKETBALL An elective team-sport course for kinesiology and physical education majors and athletic training majors. Course content is presented in two half-term sessions. This course emphasizes the rules, skills, and strategies used to participate in and teach soccer and basketball. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. Fall.

2226 TEACHING VOLLEYBALL AND TRACK AND FIELD An elective team-sport course for kinesiology and physical education majors and athletic training majors. Course content is presented in two half-term sessions. The course emphasizes the rules, skills, and strategies used to participate in and teach volleyball and track and field. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. Spring.

2227 TEACHING ROUND AND FOLK DANCE An elective course of kinesiology and physical education majors. Course content is presented in two half-term sessions. The course emphasizes the history and fundamentals of round and folk dancing from various countries as well as instruction and practice in the techniques of teaching dance in educational, commercial and recreational settings. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2228 TEACHING SQUARE DANCE An elective course for kinesiology and physical education majors. This course emphasizes the history, skills, and techniques of square dancing and the techniques of calling square dance as well as instruction and practice in the techniques of teaching dance in educational, commercial, and recreational settings. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2229 TEACHING BALLROOM DANCE An elective course for kinesiology and physical education majors. This course covers the courtesies, techniques, and skills involved in ballroom dance as well as instruction and practice in the techniques of teaching dance in educational, commercial, and recreational settings. Lecture, activity, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2250 INTRODUCTION TO DANCE AND RHYTHMICAL ACTIVITIES A required course for kinesiology and physical education majors. This course provides students with a basic knowledge of several dance genres and rhythmical activities as well as instruction and practice in the techniques of teaching dance in educational, commercial, and recreational settings. Lecture, activity, cooperative learning, micro teaches, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. Fall.

2255 EMERGENCY CARE IN ATHLETIC TRAINING This is a required course for athletic training majors. This course provides students the opportunity to evaluate, treat, manage and simulate the delivery of emergency care for acute injuries and illnesses. Lecture, discussion and laboratory experiences are required. Prerequisites: Admission to the athletic training education program. Co-requisite: KPED 2353 and 2356. Spring.

2300 PRINCIPLES OF KINESIOLOGY AND PHYSICAL EDUCATION A core course for kinesiology and physical education majors and athletic training majors. This course provides an overview of physical education, exercise science, and athletic training and an examination of historical, biological, psychological, sociological, and curricular foundations impacting the discipline. Lecture, activity, and required professional activities scheduled outside of class meeting times. Prerequisites: Sophomore classification and major status or consent of instructor. Fall, spring.

2322 RECREATION LEADERSHIP An elective course for kinesiology and physical education majors. This course introduces students to the skills and techniques needed to conduct a variety of school and community recreation activities. Lecture, cooperative learning, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

2340 MOTOR DEVELOPMENT AND LEARNING A required course for kinesiology and physical education majors. This course emphasizes a lifespan approach to the study of motor development and motor learning. The motor development portion of the course emphasizes theories and task analysis focused on motor skill acquisition. The motor learning and behavior section covers the processes underlying skilled performance, including how skill performances are learned and how to apply the principles of performance and learning in teaching, coaching, and rehabilitation settings. Lecture, laboratory, use of specialized computer software, videotapes, student presentations, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisites: Admission to PETE or KPED program or consent of instructor, Co-requisite KPED 3330. Fall.

2353 PREVENTION, RECOGNITION AND CARE OF GENERAL MEDICAL PATHOLOGY This is a required course for athletic training majors. This course provides the opportunity for students to gain knowledge in the assessment, treatment, management, and referral of patients with general medical conditions. Lecture, guest lecture, discussion, and laboratory experiences. Prerequisites: Admission to the athletic training education program and NUTR 1300 with a grade of C or better. Co-requisites: KPED 2255 and 2356. Spring.

2356 ATHLETIC TRAINING PRACTICUM This is a required course for athletic training majors. Students will be introduced to the roles and responsibilities of athletic trainers and other health care professionals. This course provides students with the opportunity to gain experience applying assessments and treatments for general medical conditions and for musculoskeletal injuries. Students complete clinical experiences at a variety of practicum sites. Lecture, guest lecture, discussion, laboratory practice, and required clinical experience. Prerequisite: Admission to the athletic training education program. Co-requisites: KPED 2255, 2353 and 3351. Spring.

2381 ANATOMICAL KINESIOLOGY A core course required of kinesiology majors, athletic training majors, and students seeking a coaching endorsement. This course is a directed study of human anatomy with its adaptations to biomechanical principles. In-depth study of the skeletal and articulation system and the muscular and nervous systems along with other key anatomical structures and functions. Lecture and use of anatomical computer software by students. Prerequisite: BIOL 1400 or 1410 with a grade of C or higher. Fall, spring, summer.

2395 COMPUTER APPLICATIONS IN PHYSICAL EDUCATION AND SPORT An elective course for kinesiology and physical education majors, athletic training majors, and students seeking a coaching endorsement. This course provides students with the opportunities to develop competency in the selection and use of computer hardware and software pertinent to health and physical education, exercise science, athletic training, coaching, and sport. Lecture and computer laboratory sessions. Laboratory sessions are designed to provide direct experience with keyboard data entry using specialized software as well as the use of peripheral equipment. Prerequisites: Sophomore classification and major status or consent of instructor. On demand.

3210 COACHING BASEBALL An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course emphasizes techniques of effective coaching, a study of the fundamentals of baseball, the use of progressive drills, and team development for competitive baseball programs. Lecture, simulations, discussion, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3211 COACHING FOOTBALL An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course emphasizes techniques of effective coaching, the use of progressive drills, a study of the basic offensive and defensive formations and patterns, and team development for competitive football programs. Lecture, simulations, discussion, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3212 COACHING BASKETBALL An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course emphasizes effective coaching techniques, the use of progressive drills, a study of the basic offensive and defensive patterns, and team development for competitive basketball programs. Lecture, simulations, discussion, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3213 COACHING TRACK An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course emphasizes effective coaching techniques, the use of progressive drills, and team development for competitive track and field programs. Lecture, simulations, discussion, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3214 COACHING VOLLEYBALL AND GYMNASTICS An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course emphasizes effective coaching techniques, the use of progressive drills, a study of the basic offensive and defensive volleyball patterns, and team development for competitive volleyball and gymnastics. Lecture, simulations, discussion, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3220 MOTOR SKILLS AND FITNESS ACTIVITIES FOR P-4 LEARNERS A required course for P-4 childhood education majors and taken as part of the academic content block during the junior year. The course emphasizes the development of skills, knowledge, disposition and strategies in activities appropriate for P-4 elementary physical education programs. Lecture, cooperative learning, peer micro teaches, and a required field experience including observation, participation and teaching in elementary physical education under the direct supervision of an elementary physical education specialist. Prerequisites: Admission to teacher education; KPED 1320, ECSE 3400, and EDUC 3309. On demand.

3240 SECONDARY SCHOOL ATHLETIC PROGRAMS An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course provides fundamental knowledge of the leadership and management skills necessary for the administration of secondary school athletics. Lecture, discussion, guest speakers, and a required 10-hour field experience scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3301 ATHLETIC TRAINING CLINICAL EXPERIENCES I This is a required course for athletic training majors. This course provides students with the opportunity to gain clinical experience in the assessment, diagnosis, care, treatment, rehabilitation and management of injuries occurring to the lower extremities as well as additional experience with the evaluation, treatment and referral of general medical conditions. Lecture, discussion, laboratory, and required clinical experience. Prerequisites: KPED 2255, 2353, and 3351 with a grade of C or better and KPED 2356 with a grade of B or better. Pre-/co-requisite: KPED 3382 with a grade of C or better. Fall.

3315 SPORTS OFFICIATING An elective course for kinesiology and physical education majors and students seeking a coaching endorsement. This course examines the basic elements of sports officiating including interpretations of rules and regulations and provides students with opportunities to fulfill the role of officials in a variety of sports. Lecture, activity, simulations, and a required 15-hour officiating practicum scheduled outside of class meeting times. Prerequisite: Major status or consent of instructor. On demand.

3316 CURRICULUM A required course for kinesiology and physical education majors. This course is designed to familiarize students with basic curricular theories, models, trends, and issues and the relationship between curriculum and instructional strategies. Lecture, discussion, student presentations, professional portfolios, use of e-mail and internet, and required field experiences. Prerequisites: Admission to PETE or KPED programs; junior classification; and major status or consent of instructor. Spring.

3327 ATHLETIC TRAINING CLINICAL EXPERIENCES II This is a required course for athletic training majors. This course provides students with the opportunity to gain clinical experience in the assessment, diagnosis, care, treatment, rehabilitation and management of injuries occurring to the upper extremities as well as additional experience with the evaluation, treatment and referral of general medical conditions. Lecture, discussion, laboratory, and required clinical experience. Prerequisites: KPED 3301 with a grade of B or better and KPED 3354 with a grade of C or better. Spring.

3330 PHYSICAL EDUCATION FOR ELEMENTARY GRADES A required course for kinesiology and physical

education majors. This course helps students develop their knowledge and understanding of the planning, organization, and instructional styles included in physical education at the early childhood and elementary school level. Lecture, cooperative learning, peer micro teaches, and a required 15-hour field experience including observation, participation, and teaching in elementary physical education under the direct supervision of an elementary physical education specialist. Field experience is scheduled outside of class meeting times. Prerequisites: Admission to PETE or KPED program, junior classification; and major status or consent of instructor. Co-requisite KPED 2340. Fall.

3331 CARE AND PREVENTION OF EXERCISE AND SPORT INJURIES A required for kinesiology and physical education majors and students seeking a coaching endorsement. This course introduces students to the broad discipline of caring for exercise and sports injuries. Key topics of study include anatomy, evaluation, treatment, rehabilitation techniques, emergency procedures and liability issues in athletics and activity. Lecture, discussion, and laboratory. Laboratory sessions will introduce various wrapping and strapping techniques in addition to basic rehabilitation procedures. Prerequisite: KPED 2381 or BIO 2405 or 2406 with a grade of C or better. On demand.

3335 THERAPEUTIC EXERCISE This is a required course for athletic training majors. This course will provide students with the opportunity to develop psychomotor skills in the conditioning and rehabilitation of patients with musculoskeletal conditions. Students will demonstrate their knowledge of the indications, contraindications, and physiological effects of exercise and manual techniques. Primary methods of instruction include lecture, discussion, a research project and required laboratory experiences. Prerequisites: KPED 1125, 1135 and 2353 with a grade of C or better and KPED 2356 with a grade of B or better. Fall.

3345 THERAPEUTIC MODALITIES This is a required course for athletic training majors. This course will provide students with the opportunity to develop psychomotor skills in the application of therapeutic modalities. Students will demonstrate their knowledge of the indications, contraindications, and physiological effects of physical agents on the healing process. Students will establish a sound rationale for selecting modality protocols that are appropriate for the treatment of patients with musculoskeletal conditions. Primary methods of instruction include lecture, discussion, and required laboratory experiences. Prerequisites: BIOL 2406 and KPED 3335 with a grade of C or better. Spring.

3351 EVALUATION TECHNIQUES FOR LOWER EXTREMITY This is a required course for athletic training majors. This course provides the opportunity for students to gain knowledge and skill in the assessment, treatment, management, and referral of patients with lower extremity injuries. Lecture, discussion, and required laboratory experiences. Prerequisite: Admission to the athletic training education program. Spring.

3354 EVALUATION TECHNIQUES FOR UPPER EXTREMITY This is a required course for athletic training majors. This course provides the opportunity for students to gain knowedge and skill in the assessment, treatment, management, and referral of patients with upper extremity injuries. Lecture, discussion, and required laboratory experiences. Prerequisite: KPED 3351 with a grade of C or better. Fall.

3363 ADAPTED PHYSICAL EDUCATION A required course for kinesiology and physical education majors. This course provides basic information on disabling conditions and how to provide adapted physical education programs based upon an individual's assessed needs. Lecture, discussion, and a required 10-hour clinical and field experience scheduled outside of class meeting times. Prerequisites: Admission to PETE or KPED program. Fall, summer.

3382 MECHANICAL KINESIOLOGY A core course required of kinesiology and physical education majors and athletic training majors. This course is designed to develop students' understanding of the mechanical principles that govern the effectiveness with which physical education, fitness, and sport skills are performed. Lecture, discussion, and individual research projects. Prerequisites: PHYS 1400 or CHEM 1402 or 1450 with a grade of C or higher. Fall, summer.

4230 FITNESS ASSESSMENT AND EXERCISE PRESCRIPTION A core course required of kinesiology and physical education majors and athletic training majors. This course focuses on the foundations, theories, principles, and measurement of physical fitness and in particular the means for conducting fitness testing and providing exercise prescriptions. Students will learn how to screen subjects, assess physical fitness levels, and prescribe appropriate exercise training based upon an individual's goals and assessed needs. Lecture, activity, simulations, and required field experiences. Prerequisites: KPED 4300 major status or consent of instructor. Fall, spring, summer.

4300 EXERCISE PHYSIOLOGY A core course required of kinesiology and physical education majors, and athletic training majors and an elective for students with an allied health career interest. This course emphasizes the study of

muscular activity and the associated energy systems, the general effects of exercise on physiologic processes and body functions, and the adaptations that occur as a result of physical exercise training. Lecture, laboratories, specialized computer software and a research project. Prerequisites: KPED 2381 or BIOL 2405 or BIOL 2406 or consent of instructor. Fall, spring, summer.

4301 ATHLETIC TRAINING CLINICAL EXPERIENCES III This is a required course for athletic training majors. This course provides students with the opportunity to develop clinical experience in the assessment, diagnosis, care, treatment, rehabilitation and management of injuries occurring in equipment intensive sports. Students will apply their knowledge and skills in the management of on-field emergency injuries and illnesses. Students will demonstrate an understanding of the principles regarding the fabrication, design, construction, maintenance, and reconditioning of protective equipment. Students will demonstrate how to fit, fabricate and apply a variety of braces, protective padding and taping techniques. Students will gain additional experience with the evaluation, treatment and referral of general medical conditions. Lecture, discussion, laboratory, and required clinical experience. Prerequisites: KPED 3327 with a grade of B or better and KPED 4325 with a grade of C or better. Fall.

4310 METHODS AND MATERIALS OF SECONDARY PHYSICAL EDUCATION A required course for kinesiology and physical education majors. The application of instructional methods including writing and implementing instructional objectives, performing task analysis, designing and implementing lesson plans, and microteaching. Lecture, cooperative learning, physical activities, unit planning, and peer micro teaches. Clinical and field experiences will be required. Prerequisites: Admission to PETE or KPED program and KPED 2340 and 3316, Co-requsiite KPED 4380. Fall.

4315 PROGRAM DEVELOPMENT IN ATHLETIC TRAINING This is a required course for athletic training majors taken during the final semester of enrollment. Students will explore current trends and issues in the profession of athletic training. Students will develop methods for educating others about the profession. Students will gain knowledge regarding the academic preparation, credentialing (certification and licensure) and continuing education needed for the legal and ethical practice of athletic training. Primary methods of instruction include lecture, discussion, and student presentations. Computer applications used in this course. Prerequisites: KPED 4301 with a grade of B or better, KPED 4330 with a grade of C or better. Co-requisite KPED 4327. Spring.

4320 MEASUREMENT AND EVALUATION IN HUMAN PERFORMANCE A required core course for kinesiology and physical education majors and athletic training majors. This course focuses on the analysis of theoretical and practical issues involved in evaluation of motor performance, behavior and knowledge. Interpretation of research with an emphasis on statistical techniques is included. Lecture, discussion, laboratory experiences, and use of statistical analysis software. Prerequisites: admission to PETE, KPED or ATE program; junior or senior classification; and major status or consent of instructor. Spring.

4325 HEAD, NECK, AND SPINE INJURY MANAGEMENT This is a required course for athletic training majors. This course provides the opportunity for students to gain knowledge and skill in the assessment, treatment, management, and referral of patients with injuries to the head, neck, thoracic region and spine. Lecture, discussion, and required laboratory experiences. Prerequisite: KPED 3354 with a grade of C or better. Spring.

4327 ATHLETIC TRAINING CLINICAL EXPERIENCES IV This is a required capstone course for athletic training majors taken during the final semester of enrollment. Students will gain experience in off-campus clinical sites. The primary method of instruction is an internship focusing on the transition of the learner from student to an entry-level health care professional. Prerequisites: KPED 4301 with a grade of B or better, KPED 4330 with a grade of C or better. Co-requisite: KPED 4315. Spring.

4330 ADMINISTRATION AND MANAGEMENT OF ATHLETIC TRAINING This is a required course for athletic training majors. Students will be given the opportunity to explore management theories and strategies used in athletic training facilities. Specific topics include employment practices, budgeting, inventory, record keeping, facility design, occupational health and safety, computer applications, and legal issues. Lecture, discussion and projects. Prerequisite: admission to the athletic training education program. Fall.

4351 PHYSICAL EDUCATION ADMINISTRATION An elective course for kinesiology and physical education majors and those seeking a coaching endorsement. This course is designed to cover the organization, planning, implementation, and administration of physical activity, sport, and exercise science programs in educational, clinical, corporate, and community settings. Topics include the arrangement of units within the program, the process of

responsibility of leadership, public relations, budgets, and facilities. Lecture, discussion, case studies, and use of specialized computer software. Prerequisites: KPED 2300, 2340, and 2381; junior or senior classification; and major status or seeking a coaching endorsement. On demand.

4363 EVALUATION AND ASSESSMENT IN ADAPTED PHYSICAL EDUCATION An elective course for kinesiology and physical education majors. The course focuses on the development of evaluation and assessment skills and exposure to specific research questions in the field of adapted physical education. Lecture, discussion, case studies, and required field experience. Prerequisite: KPED 2300, 2340, and 2381; junior or senior classification; and major status or consent of instructor. On demand.

4380 INTERNSHIP I: PHYSICAL EDUCATION AND HEALTH Internship I is a required course for Kinesiology and physical education majors. The internship occurs in a variety of settings where students gain experience in organizing instruction, creating a productive learning environment, identifying and using community resources, and developing professional behaviors. Prerequsite: admission to the PETE or KPED program, KPED 2340 and 3316, corequisite KPED 4310. Fall.

4390 SPECIAL PROBLEMS IN KINESIOLOGY AND PHYSICAL EDUCATION A course of directed study and independent work in a chosen area in kinesiology and physical education, exercise science, or athletic training under the supervision of a selected faculty member. Honors course. The primary instructional method is a mentorprot ©g © format. Prerequisites: minimum cumulative and departmental grade point average and consent of instructor and chair regarding selected topic. On demand.

4395 SPORT IN AMERICAN SOCIETY A core course for kinesiology and physical education majors and athletic training majors. This course emphasizes sport within a sociological context. Theories of sport and society will be examined to analyze and explain various relationships existing between sport and American society. Particular attention is directed toward sport and social groups, processes, forces, and institutions. Prerequisite: Junior or senior classification. Fall, summer.

4171, 4271, 4371 WORKSHOP IN KINESIOLOGY AND PHYSICAL EDUCATION Specific topics/problems in kinesiology and physical education with emphasis on current trends in physical education, exercise science and athletic training. Primary instructional strategies will vary depending on topic. Variable credit (1-3 hours). On demand.
4690 INTERNSHIP II This course involves teaching under supervision in a public school setting. Requires full-day involvement and seminars. Taken concurrently with KPED 4691. Prerequisites: Admission into the physical education - teacher education program, completion of Internship I with a C or better, and successful completion of Praxis II (Exam 0856 and 092). Spring.

4691 INTERNSHIP II This course involves teaching under supervision in a public school setting. Requires full-day involvement and seminars. Taken concurrently with KPED 4690. Prerequisites: Admission into the physical education - teacher education program, completion of Internship I with a C or better, and successful completion of Praxis II (Exam 0856 and 092). Spring.

Medical Technology

Undergraduate Bulletin
Document Number 4.04.05

Return to Medical Technology

[1] Courses in Medical Technology (MD T)

4108 SEMINAR I Introduction to the hospital laboratory including phlebotomy and medical terminology; attendance at laboratory inservice.

4110 SEMINAR II Attendance at laboratory inservice; presentation of inservice including visual aids; review for comprehensive exam.

4111 IMMUNOLOGY Principles of basic immunoglobulin structure and antigen-antibody reactions with application to clinical immunology procedures.

4121 MANAGEMENT AND EDUCATION TOPICS Introduction to basic principles of management theory and educational principles.

4122 BODY FLUIDS Chemical, physical, and microscopic study of urine, cerebrospinal, and other body fluids.

4123 IMMUNOHEMATOLOGY Genetic theory of human blood groups and fundamentals of transfusion practice and component therapy.

4410 CLINICAL MICROBIOLOGY Study of human pathogenic microorganisms including bacteria, myco-bacteria, fungi, and parasites, with emphasis on clinical isolation and identification techniques.

4413 CLINICAL CHEMISTRY Study of analytes in serum with emphasis on clinical significance, diagnostic utility, and detection methods; includes immunoassay and toxicology.

4423 HEMATOLOGY Study of hematopoiesis, anemias, leukemias, hemoglobinopathies, coagulation, and principles of hematological testing.

4510 CLINICAL INTERNSHIP I Clinical training in the following areas of the hospital laboratory: hematology/coagulation, includes operation of instrumentation and quality control practices.

4512 CLINICAL INTERNSHIP II Clinical training in the following areas of the hospital laboratory: chemistry and urinalysis, includes operation of instrumentation and quality control practices.

4611 CLINICAL INTERNSHIP III Clinical training in the following area of the hospital laboratory: blood bank/serology, includes operation of instrumentation and quality control practices.

4714 CLINICAL INTERNSHIP IV Clinical training in the following area of the hospital laboratory: microbiology, includes operation of instrumentation and quality control practices.

Military Science and Leadership - Basic, Advanced

Return to Military Science and Leadership

[1] Courses in Military Science and Leadership (MILS) - Basic

1101 FOUNDATIONS OF OFFICERSHIP Part of the basic course program and required for all students without Junior ROTC credit, basic military training credit, or prior military service. The course examines the unique duties and responsibilities of officers. Students discuss the organization and role of the Army, review basic life skills pertaining to fitness and communication, and analyze Army values and expected ethical behavior. Students are introduced to the leadership development program and small unit tactics in discussion and laboratory. Prerequisite: None. Fall.

1102 BASIC LEADERSHIP Part of the basic course program and required for all students without Junior ROTC credit, basic military training credit, or prior military service. The course presents fundamental leadership concepts and doctrine. Students practice basic skills that underlie effective problem solving, apply active listening and feedback skills, examine factors that influence leader and group effectiveness, and examine the officer experience. Students will participate in basic map reading and small group day land navigation in discussion and laboratory. Prerequisite: MSL 1101, equivalent credit, or instructor approval. Spring

2201 INDIVIDUAL LEADERSHIP STUDIES Part of the basic course program and required for all students without Junior ROTC credit, basic military training cred or prior military service. The course develops knowledge of self, self-confidence, and individual leadership skills. Students develop problem-solving and critical thinking skills and apply communication, feedback, and conflict-resolution skills. The course further develops leadership theory and techniques discussed in MS 1102 in discussion and laboratory. Prerequisite: MSL 1102, equivalent credit, or instructor approval. Fall.

2202 LEADERSHIP AND TEAMWORK Part of the basic course program and required for all students without Junior ROTC credit, basic military training credit, o prior military service. The course focuses on self-development guided by knowledge of self and group processes. A continuation of MLS 2201, the course challenges current beliefs, knowledge, and skills and provides equivalent preparation for the ROTC Leadership Development and Assessment course (LDAC) as the Leaders Training Course. Students study military tactical missions, planning considerations, and patrol base activities in discussion and laboratory. Prerequisite: MSL 2201, equivalent credit, or instructor approval. Spring.

[2] Courses in Military Science and Leadership (MILS) - Advanced

3301 LEADERSHIP AND PROBLEM SOLVING Part of the advanced course program and required of all students pursuing a commission in the US Army. The course examines basic skills that underlie effective problem solving. Students analyze the role officers played in the transition of the Army from Vietnam to the 21st Century and review the features and execution of the Leadership Development Plan. Students are placed in leadership positions on campus and in field environments and analyze missions, plan military operations, and execute squad battle drills in laboratory. Emphasis is placed on physical conditioning and stamina. Prerequisite: Completion of all basic courses or equivalent. Fall.

3302 LEADERSHIP AND ETHICS Part of the advanced course program and required of all students pursuing a commission in the US Army. The course probes leader responsibilities that foster an ethical command climate. Students develop cadet leadership competencies, prepare for success at the Leadership Development and Assessment course (LDAC), recognize leader responsibility to accommodate subordinate spiritual needs, and apply principles and techniques effective written and oral communication. Laboratories include planning and executing tactical missions in a field environment, day and night land navigation, intensive physical training, and leadership evaluation. Prerequisite: MSL 3301. Spring.

4301 LEADERSHIP AND MANAGEMENT Part of the advanced course program and required of all students pursuing a commission in the US Army. The course builds on Leadership Development and Assessment course (LDAC) experience to solve organizational and staff problems. Students discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, examine principles of subordinate motivation and organizational change, and apply leadership and problem-solving principles to a complex case study/simulation. Laboratories include mission planning, small unit tactics, and reporting. Prerequisite: MSL 3302. Fall.

4302 OFFICERSHIP Part of the advanced course program and required of all students pursuing a commission in the US Army. Capstone course designed to explore topics relevant to second lieutenants entering the Army. Students describe legal aspects of decision making and leadership, analyze Army organization for operations from the tactical to strategic level, assess administrative and logistics management functions, discuss reporting and permanent change of station (PCS) process, perform platoon leader actions, and examine leader responsibilities that foster an ethical command climate. Laboratories include land navigation and small unit tactics. Prerequisite: MSL 4301 or instructor approval. Spring.

4303 ADVANCED OFFICERSHIP I Advanced Officership I is a course of independent research and analysis on professional military topics specifically related to the branches of the US Army. Personal and professional goals for officers as well as military history will be the emphasis of the course. Prerequisite: MSL 3301 o 4301. Fall, spring.

4304 ADVANCED OFFICERSHIP II Advanced Officership II is a course of independent research and analysis on professional military topics specifically related to

the branches of the US Army. Personal and professional goals for officers as well as military history and br[illegible] in military history will b the emphasis of the course. Prerequisite: MSL 3301 or 4301. Fall, spring.

Nuclear Medicine Technology

Undergraduate Bulletin
Document Number 4.04.07

Return to Nuclear Medicine Technology

[1] Courses in Nuclear Medicine Technology (NMT)

4210 PRACTICUM I Introduction to clinical imaging.

4410 PRACTICUM II Intermediate techniques in clinical imaging, radioimmunoassay, radiopharmaceutical preparation, and radiation safety techniques.

4510 PRACTICUM III Advanced techniques in clinical imaging, radioimmunoassay, radiopharmaceutical preparation, computer techniques, and radiation health physics.

4415 PATIENT CARE Principles and techniques of patient care including cardio-pulmonary resuscitation (CPR) certification, patient transport, ECG monitoring, physical assessment, pharmacology, venipuncture, and IV therapy. Emphasis is placed on skills that are used by the technologist in the clinical setting.

4420 NUCLEAR PHYSICS/RADIOCHEMISTRY Fundamentals of basic atomic and nuclear physics, including the structure of the atom, modes of radioactive deca mathematical calculation of radioactivity, passage of charged particles and high-energy photons through matter, and the primary and secondary sites of radionuclide production.

4425 IN VIVO NUCLEAR MEDICINE I Comprehensive study of the theory and methodology of imaging the different systems in the body, including rationale and indications for the study, patient preparation, radiopharmaceuticals used, imaging techniques, computer processing applications, and diagnostic interpretation. Each section will be correlated with laboratory studies and clinical exams performed in the clinical setting.

4325 IN VIVO NUCLEAR MEDICINE II Continuation of In Vivo Medicine I.

4435 IN VIVO NUCLEAR MEDICINE III Continuation of In Vivo Nuclear Medicine II.

4430 RADIOPHARMACY/RADIONUCLIDE THERAPY Fundamental principles of radiopharmacology, including radiopharmaceutical preparation and quality control, biochemical and physiological properties of radiopharmaceuticals, methods of localization and alterations of distribution, and the therapeutic use of radionuclides in medicine.

4315 INSTRUMENTATION/STATISTICS I Principles of operation and quality control of non-imaging nuclear medicine equipment to include statistical applications.

4320 INSTRUMENTATION/STATISTICS II Principles of operation and quality control of collimated radiation detectors with emphasis on statistical applications.

4330 RADIOIMMUNOASSAY Methodology involved in radioimmunoassay to include competitive binding, antigen-antibody reactions, and radioligand procedure Includes the operation of laboratory instruments and equipment.

4215 RADIATION HEALTH PHYSICS Principles involved in minimizing exposure to patient, self, and environment are discussed. Included are techniques for measuring levels of radioactive contamination, procedures for decontamination, and a general overview of government regulations regarding exposure and material handling. Laboratory included.

4220 RADIOBIOLOGY Biological effects of the exposure of living tissue to ionizing radiation, including chronic and acute effects and the relative sensitivity and resistance of organ systems, tissues, and cells to radiation.

Nursing

Undergraduate Bulletin
Document Number 4.04.08

Return to Nursing

[1] Courses in Nursing (NURS)

2305 HEALTH ASSESSMENT This theory/laboratory course addresses assessment of the adult patient across the life span. Focuses on knowledge and skills necessary to perform a comprehensive health history, physical examination, and environment assessment, and use of clinical assessment tools to establish a database from which to derive nursing diagnoses. Prerequisite: Admission to the major. Pre-/Corequisite: BIOL 2411. Fall.

2310 PHARMACOLOGY This theory course covers the basic principles of pharmacology and drug therapy necessary for nursing practice. Concepts include drug effectiveness, pharmacokinetics, mechanisms of action, side and adverse drug responses, drug interactions, and patient education. Prerequisite: BIOL 2411, Corequisite: NURS 2510. Spring.

2505 CONCEPTS OF PROFESSIONAL NURSING This theory/laboratory/clinical course introduces concepts of the multi-faceted roles of the professional nurse. Focus is on role development, professional values, core competencies, and core knowledge concepts and on caring for adults across the life span, particularly t older adult. Prerequisite: Admission to the major. Pre-/Corequisite: BIOL 2411. Fall.

2510 CARING FOR THE MEDICAL-SURGICAL PATIENT This theory/laboratory/clinical course focuses on caring for adult patients experiencing selected health problems across the life span within the acute care environment. The concept of caring is introduced with a focus on sensitivity to patients' unique needs and their cultural beliefs, to diversity, and to the technical skills and scientific principles which provide a foundation for critical thinking applications to professional nursing. Prerequisite: BIOL 2411, Corequisite: NURS 2510. Spring.

3113, 3213, 3313 SPECIAL STUDIES IN NURSING These courses are varied to meet the needs and interests of nursing students, and may include NCLEX preparation, guided readings, and clinical practice with a preceptor. Prerequisite: Permission of the Undergraduate Director.

3200 TRANSITION TO PROFESSIONAL NURSING Required of all RN and LPN/LPTN licensed students in their first semester in the nursing major. Builds upon th nurse's previous education and experience. Independent study and discussion. Prerequisite: Admission to the major. Fall.

3201 NURSE AS EDUCATOR This theory course presents the nurse-as-educator as an essential dimension of the professional nursing role. Patient and staff education, selected trends, issues, teaching/learning theories, principles, competencies, and strategies are emphasized. Prerequisite: Completion of all 2000-level required nursing courses. Fall.

3501 CARING FOR THE CHILDBEARING FAMILY This theory/laboratory/clinical course focuses on caring for childbearing families, particularly in the areas of antepartal, postpartal, intrapartal, newborn, and family. The course uses a wellness/illness continuum and addresses cultural aspects of care with both low-risk and high-risk patients in a variety of clinical settings. Prerequisites: Completion of all 2000-level required nursing courses, BIOL 4311, FACS 2341 or PSYC 237 Pre-/Corequisites: PHIL 2325 or 1301. Fall.

3505 CARING FOR CHILDREN AND THEIR FAMILIES This theory/laboratory/clinical course focuses on caring for children and their families, with special emphasis on the unique developmental needs and differences of infants, children, and adolescents. Concepts related to health promotion, risk reduction, diseas prevention, and illness and disease management are included. Prequisites: Completion of all 2000-level required nursing courses, PHIL 2325 or 1301, BIOL 4311, FACS 2341 or PSYC 2370. Spring.

3510 CARING FOR INDIVIDUALS WITH PSYCHIATRIC-MENTAL HEALTH PROBLEMS This theory/laboratory/clinical course focuses on nursing theories and practices in the care and treatment of patients across the life span and their families as they respond to psychiatric/mental health problems. The course assists students in effective management of patients experiencing psychosocial stressors in other settings. Prerequisites: Completion of all 2000-level required nursing courses, BIOL 4311,FACS 2341 or PSYC 2370. Pre-/Corequisites: PHIL 2325 or 1301. Fall.

3515 CARING FOR ADULTS WITH CHRONIC HEALTH PROBLEMS This theory/laboratory/clinical course focuses on nursing care of culturally diverse adult patients across the life span who are experiencing chronic health problems and end of life issues. Additional focus is on well elderly persons in order to reduce health risks, promote health, and prevent illness. Prerequisites: Completion of all required 2000-level nursing courses, PHIL 2325 or 1301, BIOL 4311, FACS 2341 or PSYC 2370. Spring.

4114, 4214 SPECIAL STUDIES IN NURSING These courses are varied to meet the needs of nursing students, and may include NCLEX preparation and clinical practice with a preceptor. Prerequisite: Permission of the Undergraduate Director.

4213 RESEARCH IN NURSING This theory course introduces the language and processes of research within the nursing profession. Course content focuses on

retrieving, reading, evaluating, disseminating, and using research in nursing practice. Prerequisites: Completion of all 3000-level required nursing courses and a statistics course (PSYC 2330, SOC 2321, MATH 2311, or PSCI 2312). Fall.

4220 HEALTH POLICY AND PROFESSIONAL ISSUES IN NURSING This theory course explores current issues and trends confronting nurses, nursing, and health care delivery as well as presenting career planning and transitioning into the workforce. Prerequisite: Completion of all 3000-level required nursing courses. Fa

4310 NURSING ETHICS An elective course designed primarily for nursing students. A study of ethical principles and reasoning applied to particular issues and cases related to health care and especially to nursing concerns. The course will examine standard theoretical approaches to health care/nursing ethics with an emphasis on the application of those theories to the needs of specific providers, clients, individuals, and institutions. The course will include lecture and discussion in an online format. On demand.

4314 HONORS IN NURSING This course is taught over two semesters and is part of the senior honors program in nursing. Prerequisite: Enrollment by invitatio See the bulletin Nursing Honors Program. Fall.

4325 GUIDE TO ALTERNATIVE AND COMPLEMENTARY HEALTH CARE An overview of alternative/complementary health care philosophies and therapies and their role in health care today. Addresses issues of self-treatment, safety, effectiveness, and resources. Examples include nutritional supplements, massage, aromatherapy, herbal therapy, and relaxation therapy. On demand.

4330 CULTURAL AND HUMAN DIVERSITY IN NURSING An elective course which examines the influences of culture on client responses to wellness, health challenges, and health care. The effects of cultural diversity on concepts such as time, health, food, and end-of-life rituals will be investigated. Cultural assessments and the use of these assessments in planning and implementing culturally congruent nursing care will be explored. On demand.

4505 CARING FOR ADULTS WITH COMPLEX HEALTH PROBLEMS This theory/laboratory/clinical course focuses on nursing care of adult patients across the lif span who are experiencing complex, multi-system health problems and life-threatening illnesses or injuries. Emphasis is placed on interdisciplinary collaboration and on psychological, cultural, social, economic, and spiritual concerns of patients. Advanced technology, assessment skills, and collaborative practice are addressed. Prerequisite: Completion of all 3000-level nursing courses. Fall.

4510 COMMUNITY HEALTH NURSING This theory/laboratory/clinical course focuses on synthesis of professional nursing and public health science applied to promoting and preserving the health of populations. The course is concerned with both wellness and illness in providing and facilitating the delivery of direct a indirect health-care services. Prerequisites: Completion of all 3000-level required nursing courses and NURS 4213. Spring.

4515 LEADERSHIP AND RESOURCES MANAGEMENT IN NURSING This theory/laboratory/clinical course examines nursing leadership and management. The course provides innovative and practical opportunities to influence the delivery of health care and the development of health-care policy to meet the unique challenges of today's health-care environment. Prerequisites: Completion of all 3000-level required nursing courses and NURS 4213. Spring.

Occupational Therapy

Undergraduate Bulletin
Document Number 4.04.09

Return to Occupational Therapy

[1] Courses in Occupational Therapy (OTHY)

1200 SURVEY OF HEALTH SCIENCES An elective open to all students, the course is designed to assist students in the exploration of professional requirements and responsibilities of various health careers. Guest lectures, discussion, field trips. Fall, and on demand.

3125 INDEPENDENT LIVING STRATEGIES FOR ACTIVITIES OF DAILY LIVING Methods and therapeutic procedures involved in teaching daily living skills are presented. Compensatory techniques, assistive devices, and adaptations to accommodate limitations in performance are emphasized. Lecture, lab, field trips. Prerequisite: Admission to the occupational therapy program, permission of chair. Spring.

3215 GROUP PROCESS AND COMMUNICATION SKILLS IN OCCUPATIONAL THERAPY This course uses group process theory and experiential learning to facilitate the development of communication and interpersonal skills used in occupational therapy practice. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Summer.

3223 INTRODUCTION TO OCCUPATIONAL THERAPY This is a study of the definition, philosophy, history, scope of practice, and educational requirements of the profession. Discussed are the professional roles of the occupational therapist and occupational therapy assistant, current health trends, professional organizations, standards of practice, code of ethics, and the certification and licensure processes. Lecture, discussion. Prerequisite: Admission to the occupational therapy program, permission of chair. May Intersession or Summer.

3241 CLINICAL CONDITIONS II This course is a continuation of Clinical Conditions I. Presented are the pathology, etiology, and management of selected clinic diagnoses with emphasis on implications for the occupational therapy practitioner. Lecture, internet. Prerequisite: Admission to the occupational therapy program, permission of chair. Spring.

3330 THERAPEUTIC ACTIVITIES IN OCCUPATIONAL THERAPY This is an introduction to purposeful activity and activity analysis in occupational therapy. Students study the use of crafts, computers, and other media in clinical practice. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. May Intersession.

3340 CLINICAL CONDITIONS I Presented are the pathology, etiology, and management of selected clinical diagnoses with emphasis on implications for the occupational therapy practitioner. Lecture, internet. Prerequisite: Admission to the occupational therapy program, permission of chair. Spring.

4125 INDEPENDENT LIVING STRATEGIES FOR INSTRUMENTAL ACTIVITIES OF DAILY LIVING Students learn techniques and therapeutic procedures involved i promoting independence in instrumental daily living skills. Emphasis is on the compensatory techniques, assistive devices, and adaptations to the environment accommodate limitations in performance. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4127 LEVEL I FIELDWORK, CLINICAL ROTATION I This course is a clinical experience with emphasis on developing observation skills, therapeutic interaction skills, professional behavior, beginning documentation skills, and patient care skills necessary for safe, basic clinical performance. Clinical placement. Prerequisite: Admission to the occupational therapy program, permission of chair. Spring.

4128 LEVEL I FIELDWORK, CLINICAL ROTATION II This course is a clinical experience with emphasis on occupational therapy evaluation and treatment, identification of treatment theories/frames of reference and activity analysis. Clinical placement. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4230 OCCUPATIONS ACROSS THE LIFESPAN Occupational therapy's domain of concern stems from the profession's interest in human beings' ability to engag in everyday occupations. Based on previously acquired knowledge on occupation, this required lab style course will study the concept of occupation and its role among healthy individuals at different ages and life stages. Using the occupational therapy practice framework, students will be able to observe and describe typical occupations experience within individuals' cultural, physical, social personal, spiritual, temporal, and virtual contexts. Fall.

4270 PHARMACOLOGY IN REHABILITATION Drugs commonly encountered by occupational therapy practitioners are presented. Drug effects, side effects, and toxicology are explained. Lecture, discussion. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4300 FUNCTIONAL NEUROANATOMY An analysis of the structure and function of the peripheral, central and autonomic nervous systems, including laboratory study of specimens of human central nervous system. Summer.

4308 FOUNDATIONS IN OCCUPATIONAL THERAPY Students examine the conceptual foundations of occupational therapy and explore the role of occupationa

therapy practitioners as influenced by a variety of service delivery models. The course will assist students with understanding the components of documentation of occupational therapy services. Lecture, discussion. Prerequisite: Admission to the occupational therapy program permission of chair. Fall.

4310 ASSISTIVE TECHNOLOGY Elective for students majoring in occupational therapy or related health care fields. The use of assistive technology to promote greater independence for individuals with disabilities is presented . Domains presented include vision, hearing, communication, cognition, and environmental controls. Lecture, lab, field trips. Fall, spring.

4317 FUNCTIONAL KINESIOLOGY Principles of body mechanics and analysis of muscle and joint actions in functional coordinated movement are presented. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4321 EVALUATION AND TREATMENT IN PHYSICAL DISABILITIES I The scope of practice with adolescent through adult populations with physical disabilities is introduced. Emphasis is on rehabilitative and biomechanical approaches to evaluation, treatment planning, implementation, and documentation relative to occupational performance and occupational adaptation. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Spring.

4325 FOUNDATIONS IN MENTAL HEALTH FOR OCCUPATIONAL THERAPY This course presents the etiology, manifestations, treatment, and occupational performance implications of major neuropsychiatric conditions. Lecture and case presentations. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4330 INTRODUCTION TO RESEARCH Students learn to interpret and critically analyze current literature and research in occupational therapy and related fields Research procedures and analysis utilized in qualitative and quantitative research are introduced. Lecture, discussion. Prerequisite: Admission to the occupation therapy program, permission of chair. Spring.

4335 INTRODUCTION TO PEDIATRIC OCCUPATIONAL THERAPY This required course introduces the scope of pediatric occupational therapy practice. Atypica development is contrasted to typical development in the context of occupational therapy practice. Students develop beginning skills in the diagnosis of problem associated with abnormal development as needed for occupational performance. This course is open to undergraduate and/or graduate students who have bee accepted and enrolled in entry-level occupational therapy program. Spring.

4351 INDEPENDENT STUDIES IN OCCUPATIONAL THERAPY For occupational therapy honor students This is a directed study in which students conduct an in-depth investigation of a specific area of occupational therapy. Review of the literature and/or research project is required. Regular consultation and guidance wi instructor is necessary. Prerequisite: Admission to the occupational therapy program, permission of the faculty, and GPA of 3.5 or better. Fall.

4355 EVALUATION AND TREATMENT IN PEDIATRICS I The scope of occupational therapy practice with children is introduced. Neurodevelopmental and senso integrative approaches to evaluation, treatment planning, implementation, and documentation relative to occupational performance and the model of human occupation are emphasized. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4365 EVALUATION AND TREATMENT IN MENTAL HEALTH I The model of human occupation, object relations, behavior, and role acquisition approaches to evaluation, treatment planning, implementation, and documentation for clients with cognitive and mental disorders are presented. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4380 EVALUATION AND TREATMENT IN PHYSICAL DISABILITIES II The application of occupational therapy neurodevelopmental theories and principles in evaluation and treatment for adults with physical disabilities is presented. Lecture, lab. Prerequisite: Admission to the occupational therapy program, permission of chair. Fall.

4400 GROSS ANATOMY Gross anatomy studies the structural aspects of the human body. The course incorporates lecture and laboratory study of prosected cadaver specimens. Fall.

Physical Therapy

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Return to Physical Therapy

[1] Courses in Physical Therapy (PTHY)

4183, 4283, 4383 DIRECTED STUDY IN PHYSICAL THERAPY Directed elective study of a particular topic in physical therapy. Methods of instruction include readings and discussions and other methods agreed upon between instructor and students.. Prerequisites: Consent of instructor. On demand.

4190 TOPICS IN PHYSICAL THERAPY: INTERNATIONAL STUDIES SEMINAR Topics in physical therapy with relation to various aspects of international health systems. Students will compare the US health care system and physical therapy services with those of other countries. Instruction includes lectures, discussion, networked (requiring computer), readings and local field trips. Prerequisites: Consent of instructor. On demand as an elective.

4290 TOPICS IN PHYSICAL THERAPY: INTERNATIONAL STUDY FIELD TRIP Study in a selected country to enhance knowledge of the health care systems and culture through organized field trip experiences. Prerequisites: Consent of instructor. On demand as an elective.

Other physical therapy undergraduate courses are inactive.

Radiography

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Return to Radiography

[1] Courses in Radiography (RADG)

2110 INTRODUCTION TO RADIOGRAPHY Structure, policies, and procedures of the school, radiology department, and hospital. Brief history of medicine and radiology. Professional organizations, licensure, and career opportunities. Basic principles of radiation protection are introduced.

2111 MEDICAL TERMINOLOGY The language of medicine. Word-building system of medical terminology: prefixes, suffixes, and root or stem words relating to the body and its systems. Terms, abbreviations, and symbols especially pertinent to radiology with emphasis on understanding the meaning of such words and their proper uses.

2112 IMAGE PROCESSING Knowledge of processing chemistry, the various systems of automatic processors and the radiographic film characteristics. Design an structure of the processing room and appropriate accessories are discussed. The causes of, and methods of eliminating, artifacts on film are learned as well as means of silver reclamation.

2113 RADIOGRAPHIC PROCEDURES I Radiographic positioning of the anatomic structures and organs of the body are correlated with human structure and function. Special or supplementary radiographic views, studies using contrast media, special procedures, and pediatric radiography are studied.

2114 MEDICAL ETHICS AND LAW Moral, legal, and professional responsibilities of the radiologic technologist are studied. Emphasis is placed on confidentiality and interpersonal relations with patients and other health care team members.

2115 CLINICAL EDUCATION I Clinical practice experiences and competencies are evaluated. The course is designed to allow the student to sequentially develo apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured sequential competency based clinical assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined an evaluated. Clinical practice experience is designed to give the student the ability to provide excellent patient care and assessment, competent performance of radiologic imaging and total quality management. Levels of competency and outcomes measurement ensure the well-being of the patient preparatory to, during and following the radiologic procedure.

2120 PATIENT CARE IN RADIOLOGIC SCIENCES Concepts of care of the patient in radiology including both physical and psychological conditions. General nursing procedures, patient preparation for radiographic procedures, the basic forms of contrast media and the precautions for administering them, and emergency care. Preparation to deal with patients in a manner that does not add further discomfort or injury nor hinder recovery. Competency in cardiopulmonary resuscitation and IV therapy are obtained in this course.

2121 IMAGE ANALYSIS I Content is designed to provide a basis for analyzing radiographic images, including the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be included for analysis.

2130 IMAGE ANALYSIS II Continuation of RADG 2121.

2223 DIGITAL/FILM IMAGE ACQUISITION AND DISPLAY I Content is designed to impart an understanding of the components, principles and operation of digital imaging and film based imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems. Principles of digital system quality assurance and maintenance are presented.

2224 RADIOGRAPHIC PROCEDURES II Continuation of RADG 2213.

2231 DIGITAL/FILM ACQUISITION AND DISPLAY II Continuation of RADG 2223.

2232 RADIOGRAPHIC PROCEDURES III Continuation of RADG 2224.

2233 RADIATION PRODUCTION AND CHARACTERISTICS I General theories of physics at atomic and subatomic levels, electrostatics, and electronics related to radiographic practice, x-ray tubes and transformers, circuits, and equipment. The production of x-radiation, its properties, measurements, and interaction with matter.

2420 CLINICAL EDUCATION II Continuation of RADG 2115.

2530 CLINICAL EDUCATION III Continuation of 2420.

3140 PRINCIPLES OF RADIATION BIOLOGY Effects of ionizing radiations on living tissues. Included are discussions of cell sensitivity and resistance of organ systems, cellular and systemic response to radiation, and in-utero response to radiation. Acute and late effects of radiation.

3141 PRINCIPLES OF RADIATION PROTECTION Interactions of radiation with matter, its biological effects, and the need for protection. Methods for minimizing exposure to patients, maximum permissible dose equivalents, personnel monitoring, shielding, and methods of measuring ionizing radiation.

3142 IMAGE ANALYSIS III Continuation of RADG 2130.

3144 RADIOGRAPHIC PROCEDURES IV Continuation of RADG 2232.

3150 IMAGE ANALYSIS IV Continuation of RADG 3142.

3151 RADIOGRAPHIC PROCEDURES V Continuation of RADG 3144.

3243 RADIATION PRODUCTION AND CHARACTERISTICS II Continuation of RADG 2233.

3250 IMAGING EQUIPMENT Introduces the student to various methods of recording images, fundamentals of maintenance and relates principles of diagnostic imaging to the process of image production and the specific equipment it requires. Includes image intensification, magnification, tomography and digital. The student is acquainted with advanced imaging techniques, including Computed Tomography, Ultrasound, Nuclear Medicine and Magnetic Resonance Imaging.

3340 CLINICAL EDUCATION IV Continuation of RADG 2530.

3851 CLINICAL EDUCATION V Continuation of RADG 3340.

4162 RADIOGRAPHIC PATHOLOGY Concepts of disease. Trauma/physical injury, the systemic classifications of disease, and repair and replacement of tissue.

4164 INTRODUCTION TO QUALITY ASSURANCE Evaluation of radiographic systems to assure consistency in the production of quality images. Regulations governing quality assurance and the techniques, equipment, and procedures for attaining it.

4261 SENIOR SEMINARS Review session in those courses deemed critical for the registry examination. Students are also given simulated registry examinations to aid in the preparation and familiarization with conditions under which the registry is given. Computer literacy is also covered during this time.

4760 CLINICAL EDUCATION VI Continuation of RADG 3851.

Communication Sciences and Disorders

Return to Communication Sciences and Disorders

[1] Courses in Communication Sciences and Disorders (CSD)

2300 INTRODUCTION TO COMMUNICATION SCIENCES AND DISORDERS Required prior to formal program admission. Introductory study of communication, i disorders, and the professions of speech-language pathology and audiology. Overview of normal development as well as various communication disorders occurring with speech and language. Lecture, discussion, observation of clinical activities. Open to all students. Fall, spring.

2303 BASIC SIGN LANGUAGE Elective. Introductory study of the various sign language methods. Lecture, discussion, and laboratory practice using sign language. Open to all students. Fall, spring, summer.

2306 NEUROSCIENCE FOR COMMUNICATION Required prior to formal program admission. A study of neuroanatomy and neurophysiology of the central and peripheral nervous systems as they relate to speech and language. Anatomy and physiology of the hearing mechanism is included. Open to all students. Fall, spring, summer.

2322 APPLIED PHONETICS Required prior to formal program admission. Introductory study of the principles of phonetic science with practical application. Lecture and laboratory practice in phonetic transcription. Open to all students. Fall, spring, summer.

3300 PHONOLOGICAL ACQUISITION Required. A study of the development of the phonological system from birth through early elementary school years. Interactions of the sound system with other linguistic, motor, and cognitive behaviors will be identified. Lecture. Prerequisites: consent of instructor. Fall.

3301 ARTICULATION AND PHONOLOGICAL DISORDERS Required. A study of etiology, evaluation, and therapy for children and adults having articulation/phonological defects. Lecture and discussion. Prerequisites: CSD 2322. Spring, summer.

3306 ANATOMICAL AND PHYSIOLOGY FOR COMMUNICATION SCIENCES AND DISORDERS Required. A study of anatomy, physiology, and related pathophysiology of the vocal mechanism and other body structures involved in motor and sensory aspects of speech production. Lecture and discussion. Prerequisite: consent of instructor. Fall, spring.

3311 FUNDAMENTALS OF SPEECH AND HEARING SCIENCE Required. A study of basic sound, mathematical computation of sound intensity and pressure, and physiological aspects of acoustics. Lecture, discussion, and laboratory practice in the speech-science lab. Prerequisite: CSD 2322. Fall, spring.

3320 LANGUAGE DISORDERS IN CHILDREN Required. A study of theories and practices pertaining to developmental, organic, and psychological language disturbances in children, including an overview of other disciplines involved in childhood language disorders. Lecture. Prerequisites: CSD 3321, consent of instructor. Summer.

3321 LANGUAGE ACQUISITION AND LITERACY Required. A study of normal speech and language acquisition and growth from first vocalization to abstract thought. Lecture. Prerequisite: consent of instructor. Fall.

3335 BIRTH TO FIVE: ASSESSMENT AND INTERVENTION Required. Methods in assessment and intervention of communication skills with young children (birth 5 years) exhibiting specific language impairment or developmental disabilities. Prerequisites: Program admission, CSD 3320 or consent of instructor. Fall, spring

4145 SPECIAL TOPICS Required. Course will provide opportunities to become familiar with the more advanced equipment of the Voice lab that were not a part the basic introductory course in Speech and Hearing Science. Students will become familiar with the advanced capabilities of the instruments, be able to perform assessments using the instruments, and be able to interpret the data generated by the instrumentation. This information will expand the knowledge and skills taught and developed in CSD 3311, Speech and Hearing. Prerequisite: consent of instructor. On demand.

4220 DIAGNOSIS AND PLANNING Required. Practice in writing and interpreting a variety of reports used in the field of speech-language pathology. Planning goals for therapy from these reports will also be emphasized. Fall, spring.

4230 FLUENCY AND FLUENCY DISORDERS Required. A study of the development of fluent speech and the assessment and treatment of fluency disorders such as stuttering and cluttering. Prerequisite: consent of instructor. Fall, spring.

4245 SPECIAL TOPICS Required. Course presents information regarding the development and findings of such neuroimaging techniques such as sMRI and fMR studies of fluent speech and fluency disorders such as stuttering and cluttering. Prerequisite: consent of instructor. On demand.

4303 INTERMEDIATE SIGN LANGUAGE Elective. An intermediate study of various sign language methods with emphasis on increasing expressive and receptive sign language skills. Lecture, discussion, and laboratory practice using sign language. Prerequisite: SPTH 2303 and consent of instructor. Fall, spring, summer.

4310 ASSISTIVE TECHNOLOGY Elective. A study of assistive technology in the domains of vision, hearing, cognition, mobility, communication, and

environmental controls. Collaboratively taught by occupational therapy, physical therapy, speech-language pathology and health education. Lecture, discussion in-class laboratory practice. Open to all students. Fall, spring, summer.

4311 AUDIOLOGY Required. Introductory study of the auditory process and its role in communication. Special consideration is given to anatomy and physiolog of the ear, etiology and management of auditory disorders, physics of sound, and measurement of hearing loss. Lecture, discussion, and laboratory practice in the audiological suite. Prerequisite: consent of instructor. Fall.

4315 AURAL REHABILITATION Required. Clinical and educational management of deaf/hard of hearing children and adults. This includes services and procedures for lessening or compensating for a hearing loss and involves facilitating adequate receptive and expressive communication. Prerequisite: CSD 4311 Spring.

4325 CLINICAL METHODS Required. An introductory study of clinical management of speech, language, and hearing disorders, preparing students for clinical practicum experiences. Lecture and discussion. Prerequisite: CSD 2300, 3321, 3301, 3335. Spring.

4326 DIAGNOSTIC METHODS Required. A study of the methods and procedures for diagnosing and appraising disorders of speech, language, and hearing, including study of and practical experience in administration of tests applicable to these disorders. Lecture, discussion, and in-class laboratory practice. Prerequisite: CSD 2300, 3321, 3301, 3335. Spring.

4330 NEUROGENIC COMMUNICATION DISORDERS Required. Overview of neurogenic communication disorders. Etiologies, diagnoses, assessment, and treatment methods will be reviewed. The normal aging process in adults and the effects of aging on communication systems will also be provided. Prerequisite: consent of instructor. Fall, spring, summer.

4340 RESEARCH PRINCIPLES AND PRACTICE Required. The course will cover principles of the scientific method and measurement theory, sampling, generalization, and validity and reliability. Students will learn to become critical consumers of quantitative research in the field of communication sciences and disorders. Prerequisite: consent of instructor. Fall.

4345 SPECIAL TOPICS Required. The purpose of this seminar is to educate students in the normal neurologic functions associates with normal social/emotiona behavioral, sensory, and cognitive functioning and then to educate students in the deficit functioning of those areas and how those differences may contribute autism and autism spectrum disorders. Prerequisite: consent of instructor. On demand.

4350 HONORS IN COMMUNICATION SCIENCES AND DISORDERS Elective. Selected students are assigned to a faculty mentor who has expertise in the student chosen topic of research and are expected to meet with the mentor weekly. The student will write a research paper that reflects quality worthy of an honors designation and upon completion will present the paper to an audience of faculty and peers. Discussion and research. Prerequisites: consent of instructor. Fall, spring, summer.

4400 LANGUAGE DISORDERS ACROSS THE LIFESPAN Required. A variety of adult and childhood disorders will be addressed along with evidence-based assessment and treatment issues. Prerequisite: CSD 3321. Fall.

Middle/Secondary Education

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Return to Teaching and Learning

[1] Courses in Middle/Secondary Education (MSIT)

3310 DEVELOPMENT AND LEARNING This course is designed to enable candidates to analyze, use, and incorporate an inclusive understanding of key theories of learning and how these theories deal with principles of development and influence teacher decision making for middle-grade and secondary students. The methodology used will model developmentally appropriate middle-level and secondary instructional strategies. Various teaching practices may be used such as cooperative learning, small and large group work, individual study, presentations, and simulations. Fall, Spring, Summer.

3220 INTRODUCTION TO TEACHING AT THE MIDDLE LEVEL This course is an introductory course in middle level education. It will provide an overview of the characteristics of a middle school program as compared to the traditional junior high program. Alternative assessment strategies will be examined as well as components of scheduling, curriculum design, and strategies for working with a uniquely diverse population. Fall, Spring

4305 CLASSROOM MANAGEMENT This course focuses on principles of classroom organization and management, building classroom rapport, fostering human relations skills, developing preventive approaches to classroom discipline, and using alternative classroom discipline approaches. Taken as part of Professional Block II. Prerequisite(s): Completion of Block I. Fall, Spring, Summer.

4310 INTEGRATED METHODS FOR LANGUAGE ARTS AND SOCIAL STUDIES This course serves as a study of methods used in the teaching of middle-level language arts and social studies. It addresses basic models, strategies, and skills necessary for teaching language arts and social studies in an integrated curriculum. It is part of Professional Block III. Prerequisite(s): Completion of Blocks I and II. Fall.

4320 INTEGRATED CURRICULUM, PLANNING, AND ASSESSMENT: MIDDLE LEVEL This field-based course is intended to equip prospective middle-level teache with the knowledge, skills, and dispositions needed to plan and teach thematically. Students will participate as members of interdisciplinary teams in the design of lesson activities and assessments that cross disciplinary lines. The course will include lecture, discussion, and field experiences. This course is taken as part the Professional Block III. Prerequisite(s): Completion of Blocks I and II. Fall.

4321 INTEGRATED CURRICULUM, PLANNING, AND ASSESSMENT: SECONDARY This field-based course is intended to equip prospective secondary teachers with the knowledge, skills, and dispositions needed to plan and teach thematically. Candidates will participate as members of interdisciplinary teams in the design of lesson activities and assessments that cross disciplinary lines. The course will include lecture, discussion, and field experiences. The course is taken a part of the professional Block III. Prerequisite(s): Completion of Blocks I and II. Fall.

4325 LITERACY DEVELOPMENT IN THE CONTENT AREAS This course prepares candidates to teach the processes of reading/literacy across content areas to a students. Emphasis is given to research-based approaches to teaching content area reading and learning with texts; strategy instruction in diverse classrooms; current formal and authentic assessment procedures; professional practices; and the connections among texts, content learning, and the reading and writing/language processes. Lectures, group activities, and field experiences are integral parts of the course, which will be taught both on the university campus and within the public school setting. Fall, Spring, Summer.

4411 INTERNSHIP I This course is part of the senior block for candidates in middle level education. Course involves field projects, field seminars, and supervise teaching where candidates gain knowledge of middle-school history and philosophy and gain experience in organizing instruction, in creating a productive learning environment, and in achieving professional behaviors. Prerequisites: Completion of Block I and II courses. Fall.

4612 INTERNSHIP II This course involves teaching under supervision in a public middle school (grades 4-8). Requires full-day involvement and seminars. Take concurrently with 4613. Prerequisite: Completion of all designated professional education and specialty courses. Spring.

4613 INTERNSHIP II This course involves teaching under supervision in a public middle school (grades 4-8). Requires full-day involvement and seminars. Take concurrently with 4612. Prerequisite: Completion of all designated professional education and specialty courses. Spring.

History - United States (HIST)

Return to History

2301 AMERICAN NATION I Required for the BA/BS major, history minor, and BSE-Social Studies (history emphasis) major. Satisfies general education American history and government requirement. Provides an understanding of the development of the American people beginning with the age of exploration and culminating with the Civil War/Reconstruction period. Lecture and discussion, critical analysis of documents, and writing. Fall, spring, summer.

2302 AMERICAN NATION II Required for the BA/BS major, history minor, and BSE-Social Studies (history emphasis) major. Satisfies general education American history and government requirement. This course provides an understanding of the development of the United States since the Civil War/Reconstruction period. Lecture and discussion, emphasizing reading, critical analysis of documents, and writing. Fall, spring, summer.

3340 INTRODUCTION TO AMERICAN INDIAN HISTORY: 1500-PRESENT Upper-division elective. This course seeks to promote an understanding of the role played by the indigenous peoples of North America in the historical evolution of the United States. Topics will include: initial migrations and cultural development; impact of European contact and conquest; assimilation, acculturation, and adaptation; removal, resistance, and reservation life; and 20th century adjustments. On demand.

3353 AFRICAN-AMERICAN HISTORY BEFORE 1868 Upper-division elective. Minor in Southern and Arkansas studies. Major and minor in African and African American studies. Provides an understanding of American history from the perspective of the African-American experience. Colonial period to the ratification of the Fourteenth Amendment. Lecture, discussion, writing. On demand.

3354 AFRICAN-AMERICAN HISTORY, 1868 TO PRESENT Upper-division elective. Minor in Southern and Arkansas studies. Major and minor in African and African American studies. Provides an understanding of American history from the perspective of the African-American experience, from the ratification of the Fourteenth Amendment to the protest movements of the modern era. Lecture, discussion, writing. On demand.

3381 AMERICAN MILITARY HISTORY Upper-division elective. This course surveys the history of the American military establishment. Emphasis on military policy, the principles of war, and the interrelationship among military affairs, technology, and the general pattern of societal development. On demand.

3388 TUTORIAL STUDIES IN AMERICAN HISTORY Upper-division elective. Directed reading in American history. Preparation for an honors thesis to be written during the student's senior year. Discussions with instructor, research, writing. Prerequisite: consent of instructor and department chair. On demand.

4301 AMERICAN ENVIRONMENTAL HISTORY Upper-division elective. Examines the changing relationship between humans and their environment from the colonial period to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4305 THE UNITED STATES AND THE MIDDLE EAST, 1776 TO THE PRESENT An overview of the evolution of the relationship between the United States and th Middle East from American independence to the present day. On demand.

4306 ATLANTIC SLAVE TRADE Upper-division elective. This course covers the history of the trans-Atlantic slave trade from the early 16th to the late 19th century. Students examine why Europeans bought slaves, why Africans sold slaves, how slaves coped, resisted, and adapted, and how the Atlantic slave trade came to an end. Lecture, discussion, document analysis, writing. Every other year or on demand.

4308 AMERICAN WOMEN'S HISTORY Upper-division elective. Examines the history of American women from the colonial period to the present. Emphasis on class, race, and ethnic differences. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4311 AMERICAN COLONIAL AND REVOLUTIONARY HISTORY Upper-division elective. Examines the age of exploration and colonization and developments leading to the American Revolution, 1492-1783. Emphasis on the contribution of the era to American political, social, and intellectual tradition. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4315 WORK, WEALTH, AND POWER IN UNITED STATES HISTORY This course explores the social and cultural history of the American working classes. Topics include the rise of industrialization and wage labor, slavery, the labor movement and labor relations, war, deindustrialization, and globalization. While the emphasis will be exploring the beliefs and experiences of American workers, the course will also pay attention to the historical development of capitalism in the United States and will examine the relationships of power between Americans of different economic positions. On demand.

4318 ARCHAEOLOGY AND HISTORY OF SOUTHWEST NATIVE AMERICAN CIVILIZATIONS A course intended to provide an overview of the Native American civilizations of the American southwest to about 1800. Various methodologies for studying this period and area will be employed, including archaeology, ethnography, and historical linguistics. The focus of the course will be on the Anasazi, Hohokam, Mississippian, Mogollon, Salado, and Sinagua civilizations. On demand.

4322 EARLY NATIONAL HISTORY, 1783-1848 Upper-division elective. The course covers the social and political development of the United States from its origins in 1787 to 1848. The class focuses on the debate over the Constitution, political and philosophical differences among Americans in the early republic, t

market revolution, social change and reform of the antebellum period, the political controversies of the 1790s and the era of 1828, westward expansion, section tensions and the differences in the social and economic development of different regions of the United States. Lecture, discussion, analysis of documents, participatory classroom activities, research, and writing. On demand.

4325 AMERICAN LIFE AND THOUGHT TO 1865 Upper-division elective. Examines political and social thought and cultural trends from the Puritan era to the Civil War period. Lecture, discussion, documentary analysis, writing. On demand.

4326 AMERICAN LIFE AND THOUGHT SINCE 1865 Upper-division elective. Examines political and social thought and cultural trends since 1865. Lecture discussion, documentary analysis, writing . On demand.

4327 THE AMERICAN WEST Upper-division elective. Examines the influence of the frontier and of western expansion on the history of the United States. Lecture, discussion, documentary analysis, writing. On demand.

4330 THE CIVIL WAR AND RECONSTRUCTION, 1848-1877 Upper-division elective. The course covers the sectional crisis of the 1850s, the establishment of the Confederate States, social and political developments in the Union and Confederacy during the war, emancipation, military policy and strategy, and reconstruction. Lecture, discussion, analysis of documents, participatory classroom activities, research, and writing. Fall

4333 UNITED STATES IMMIGRATION AND ETHNIC HISTORY FROM COLONIAL TIMES TO PRESENT This course examines immigration to the United States from the colonial period to the present. It considers social, cultural, political, and economic themes to analyze immigrant experiences and explain native-born attitudes toward newcomers. Lecture, discussion, document analysis, writing. On demand.

4335 DIPLOMATIC HISTORY OF THE UNITED STATES Upper-division elective. Students examine the diplomatic history of the Revolutionary period, the early national era, the Civil War, America's rise to world power, two world wars, and the Cold War. Lecture, discussion, documentary analysis, writing. On demand.

4338 AMERICAN HISTORY THROUGH FILM Upper-division elective. Examination of how the history of film and the film industry in America relates to broader political, economic, cultural, and social trends. On demand.

4340 THE EMERGENCE OF MODERN AMERICA, 1877-1920 Upper-division elective. Students examine the conquest of the last western frontier, the rise of big business, progressivism, and the United States as a world power. Lectures, discussion, analysis of documents, writing. On demand.

4345 THE SOUTH TO 1865 Upper-division elective. Minor in Southern and Arkansas studies. Students study the history of the old South with an emphasis on southern nationalism, slavery, politics, and social and intellectual developments. Lecture, discussion, analysis of documents, writing. On demand.

4346 THE SOUTH SINCE 1865 Upper-division elective. Minor in Southern and Arkansas studies. Students study the re-integration of the South back into the Union, the problems faced by the region, and their legacy to the present. Lecture, discussion, analysis of documents, writing. On demand.

4350 AMERICA IN DEPRESSION **AND WAR, 1920-1960** Upper-division elective. Students examine twentieth-century political, social, economic, and intellectual developments. Topics include the twenties, the Depression, America in World War II, and the Cold War. Lecture, discussion, analysis of documents, writing. On demand.

4353 INTER-AMERICAN RELATIONS Upper-division elective. Students review political, economic, and cultural relationships between the United States and Lati America, with special attention to the period from 1898 to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing. Counts as United States or world history. On demand.

4355 THE ROLE OF ARKANSAS IN THE NATION Required for BSE in Social Studies; upper-division elective. Students examine United States history as reflected in the history of Arkansas. Emphasis on the ways Arkansas reflects or departs from national trends. Lecture, discussion, analysis of documents, participatory classroom activities, writing. Fall, spring.

4358 RECENT AMERICAN HISTORY Upper-division elective. The political, social, cultural, diplomatic, and economic history of the United States from 1960 to t present. On demand.

4359 HISTORY OF THE AFRICAN AMERICAN CIVIL RIGHTS MOVEMENT IN THE UNITED STATES A study of the "long" Civil Rights Movement from 1919 to th 1980's. Begins with the economic, historical, and legal origins of segregation. Traces the rise of civil rights activism as well as the broad range of civil rights issues and activist strategies. Examines the impact of the movement on domestic politics, culture, and foreign policy. On demand.

4386 THE WAR IN THE PACIFIC, 1931-1945 Upper-division elective. Students critically evaluate Japanese-American relations, covering such topics as Asian nationalism, Western imperialism, and Japanese expansion. Counts as United States or world history. Lecture, discussion, analysis of documents, writing. On demand.

History - World History (HIST)

Return to History

1310 WORLD HISTORY I Satisfies part of the general education world cultural traditions requirement. Required for BA/BS history majors and minors and BSE-Social Studies (history emphasis). Students examine major contributions to the advancement of global civilizations from ancient times to the early modern perio (circa 1600). Lecture, discussion, analysis of documents, writing. Fall, spring, summer.

1320 WORLD HISTORY II Satisfies part of the general education world cultural traditions requirement. Required for BA/BS history majors and minors and BSE-Social Studies (history emphasis). Students examine development of modern industrial and urban society from the seventeenth century to the present. Lectures, discussion, analysis of documents, writing. Fall, spring, summer.

3303 ASIAN CIVILIZATION I Upper-division elective. Asian studies minor. Religious studies major. Introduces students to the traditional cultures of China, Japa and South Asia to 1800. Lectures, discussion, analysis of documents, writing. On demand.

3304 ASIAN CIVILIZATION II Upper-division elective. Asian studies minor. Introduces students to the process of modernization as experienced in China, Japan and South Asia in modern times. Lectures, discussion, analysis of documents, writing. On demand.

3312 COMPARATIVE MODERN THIRD WORLD HISTORY Upper-division elective. The course compares and contrasts the modern history of the Middle East, Africa, and Latin America through one "representative" country from each region. Lectures, discussion, analysis of documents, writing. On demand.

3320 HISTORY OF CHRISTIANITY I Upper-division elective. Religious studies major and minor. Students examine the major themes and developments in Christianity from the first century to the eve of the Reformation. Lectures, discussion, analysis of documents, writing. On demand.

3321 HISTORY OF CHRISTIANITY II Upper-division elective. Religious studies major and minor. Students examine the major themes and developments in Christianity from the Reformation to present times. Lectures, discussion, analysis of documents, writing. On demand.

3351 ANCIENT CIVILIZATION Upper-division elective. Students study the Near East, Greece, and Rome, with an emphasis on politics and culture, to 476 AD. Lectures, discussion, participatory classroom activities, analysis of documents, writing. On demand.

3389 TUTORIAL STUDIES IN WORLD HISTORY Upper-division elective. Directed reading in world history. Preparation for an honors thesis to be written during the student's senior year. Discussions with instructor, research, writing. Prerequisite: Consent of instructor and department chair. On demand.

4302 HISTORY OF WITCHCRAFT This upper division course explores the history of witchcraft in Europe and the British colonies culminating in an in-depth examination of the Salem witch trials. We will pay particular attention to magical knowledge and the social, cultural, religious, and political causes of witchcraft accusations. We will also discuss the profile and stereotype of the witch as well as what circumstances might make people usually safe from accusations equally susceptible. On demand.

4306 ATLANTIC SLAVE TRADE Upper-division elective. This course covers the history of the trans-Atlantic slave trade from the early 16th to the late 19th century. Students examine why Europeans bought slaves, why Africans sold slaves, how slaves coped, resisted, and adapted, and how the Atlantic slave trade came to an end. Lecture, discussion, document analysis, writing. Every other year or on demand.

4309 WOMEN IN EUROPEAN HISTORY Upper-division elective. Students use a variety of primary and secondary sources to study the role of women and gende in European history. Lectures, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4328 MODERN LATIN AMERICA Upper-division elective. Latin American studies minor. Students examine critical issues that challenge the countries of contemporary Latin America, from race and the environment to debt, development, and democracy. Lectures, discussion, analysis of documents, participatory classroom activities, Latin American fiction, writing. On demand.

4332 HISTORY OF THE CRUSADES Upper-division elective. Students examine the history of European interactions with Asia, northern Africa, and eastern Europe, 1000-1300, centering around the phenomenon of crusading. Lectures, discussion, analysis of documents, writing. On demand.

4343 HISTORY OF MEXICO Upper division elective. A history of the world's most populous Spanish-speaking country, focusing mostly on the events and figures after 1800. Topics include the War of Independence, the role of the peasantry and organized labor, Mexican Catholicism and Church-State Relations, th Mexican Revolution, relations with the U.S. and the world, emigration and immigration, and NAFTA. Alternate years.

4347 IDEAS AND SOCIETY IN MODERN EUROPE Upper-division elective. an examination of the inter-relationship between philosophy, the arts, science, religion, and social change in Europe since 1648. Lectures, discussion, analysis of documents, writing. On demand.

4353 INTER-AMERICAN RELATIONS Upper-division elective. Students review political, economic and cultural relationships between the United States and Latin America, with special attention to the period from 1898 to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing.

Counts as United States or World History. On demand.

4360 BIRTH OF EUROPE, 300-1000 Upper-division elective. Students examine European political, social, economic, religious, and intellectual development fro the establishment of Christianity as an officially sanctioned religion to the dawn of the feudal age. Lectures, discussion, analysis of documents, writing. On demand.

4361 MEDIEVAL CIVILIZATION, 1000-1400 Upper-division elective. Students examine European political, social, economic, religious, and intellectual development during the High Middle Ages. Lectures, discussion, analysis of documents, writing. On demand.

4362 TUDOR AND STUART ENGLAND 1485-1690 Upper-division elective. A survey of the political, religious, social, and economic history of England and the British Isles during the sixteenth and seventeenth centuries. On demand.

4365 THE HISTORY OF IMPERIALISM: A REVIEW OF WORLD COLONIAL SYSTEMS This elective course is a review of world imperialism from the early modern era through the nineteenth and twentieth centuries. The course will consider political, economic, social, class, gender, geographical, and ethnological themes an addresses the perspective of the West and other cultures (particularly in Africa and Asia). On demand.

4369 VICTORIAN BRITAIN Upper-division elective. A historical survey of the primary elements constituting British society from the end of the Napoleonic perio through the First World War. On demand.

4370 EUROPE, 1815-1914 Upper-division elective. Students examine Europe's political and cultural development from the Vienna Congress to the eve of Worl War I. Lectures, discussion, analysis of documents, writing. On demand.

4374 THE EUROPEAN RENAISSANCE AND REFORMATION Upper-division elective. Students explore the major themes, subjects, and personalities of the early modern age in Europe. Lectures, discussion, analysis of documents, writing. On demand.

4376 EUROPE, 1914-1939 Upper-division elective. Students examine the background and history of World War I; peacemaking and international organization; the rise of fascism, national socialism , and Japanese imperialism; collapse of peace. Lectures, discussion, analysis of documents, writing. On demand ..

4377 EUROPE IN A GLOBAL ERA Upper-division elective. World War II, the Cold War, development of the European Union, collapse of the Soviet Union and oth recent events. Lectures, discussion, analysis of documents, writing. On demand.

4378 ABSOLUTISM, ENLIGHTENMENT, AND REVOLUTION Upper-division elective. Students explore major themes in European history in the seventeenth and eighteenth centuries concluding with the French Revolution. Lectures, discussion, analysis of documents, writing. On demand.

4379 SPAIN: CRUSADE, COLUMBUS, AND EMPIRE Upper-division elective. Students explore major factors in the rise and decline of Iberia during the early modern era, plus an examination of early exploration and colonialism. On demand.

4380 CZARIST RUSSIA Upper-division elective. Introduces students to major themes in Russian history from its beginning to 1917. Lectures, discussion, analys of documents, writing. Fall.

4381 MODERN CHINA Upper-division elective. Asian studies minor. Students explore Chinese history in the nineteenth and twentieth centuries. Lectures, discussion, analysis of documents, writing. On demand.

4382 RUSSIA SINCE 1917 Upper-division elective. Students examine Russian history from the revolutions of 1917 to the present, emphasizing topics such as the Revolution, the Civil War, the Great Purges, World War II, the post-Stalin era, and the collapse of the Soviet Union. Lectures, discussion, analysis of documents, writing. Spring.

4383 MODERN JAPAN Upper-division elective. Asian studies minor. Students explore the history of Japan since 1800, including such topics as the overthrow o feudalism, the Meiji Restoration, the struggle for representative government, imperialism, ultranationalism, militarism, and the "economic miracle." Lectures, discussion, analysis of documents, writing. On demand.

4385 FRENCH REVOLUTION AND NAPOLEON Upper-division elective. Students examine the causes of the revolution and its impact on France and Europe with emphasis on social, political, and economic changes through revolution and the reforms of Napoleon. Lectures, discussion, analysis of documents, writing. On demand.

4386 THE WAR IN THE PACIFIC, 1931-1945 Upper-division elective. Students critically examine Japanese-American relations covering such topics as Asian nationalism, Western imperialism, and Japanese expansion. Counts as either United States or world history. Lectures, discussion, analysis of documents, writing On demand.

4387 THE ISLAMIC MIDDLE EAST Upper-division elective. Religious studies major. Students explore Islamic civilization and recent history of the Middle East. Emphasis on the development of Islam as a major religion and total lifestyle and Islamic revisionism, Arab nationalism, revival of Islamic fundamentalism, and conflicting Arab-Israeli aspirations and claims. Lectures, discussion, analysis of documents, writing. On demand.

4388 AFRICAN HISTORY Upper-division elective. African and African American studies minor. Students examine historical themes and problems of African modernization. Lectures, discussion, analysis of documents, writing. On demand.

4389 THE MEDITERRANEAN WORLD DURING THE ROMAN REPUBLIC, 750 BC-27 BC Upper division elective. An examination of the Roman Republic (750-27 BC) and its integration with the diverse populations and cultures surrounding the Mediterranean Sea. Every other year.

4390 THE ROMAN EMPIRE: 40 BC-395 AD Upper division elective. This course traces the development of the Roman Empire from Augustus' Principiate to the last days of the Tetrarchy and the eventual break-up of Roman Territory into Eastern and Western halves. Every other year.

4394 GERMANY SINCE 1918 Upper-division elective. Students examine German history since World War I, including the Weimar Republic, Third Reich, World W II, and the division and reunification of postwar Germany. Lectures, discussion, analysis of documents, writing. On demand.

4397 HISTORY OF IRELAND, 1500-PRESENT Examines major themes in Irish history from the Tudor conquest of Ireland, and the ensuring Ulster plantation in the early 17th century, to the modern Troubles in Northern Ireland. On demand.

History - Special Topics (HIST)

Return to History

2320 INTRODUCTION TO HISTORICAL RESEARCH Required for BA/BS history majors and BSE-Social Studies (history emphasis) majors. A hands-on course emphasizing the basic skills necessary for historical research, critical analysis of historical texts, and historical writing and discussion. Lecture, discussion and participation in classroom assignments. Introduction to Historical Research (concurrent enrollment or completion of 2320 (Introduction to Historical Research) w be prerequisite for any history major to enroll in any 4000 level class that counts toward a major). Fall, spring.

3310 SOCIAL SCIENCE CONCEPTS IN ARKANSAS HISTORY A professional education requirement for elementary and early childhood majors, the course introduces students to concepts of social science in relationship to selected content of Arkansas History. Lectures, discussions, and applied activities will be central to this course. The course may not be counted toward the History major or minor. Fall, spring.

4300 SEMINAR Required for history BA/BS history majors and BSE-Social Studies (history emphasis) majors. Emphasis on studying and practicing historical research and writing. Students research and write a major paper on a topic of their choice. Discussion, research and writing assignments, oral presentations, analysis of documents and sources. Prerequisite: 21 hours in history. Fall, spring, summer.

4310 TEACHING SOCIAL STUDIES Required for BSE-Social Studies (history emphasis) An examination of the problems of teaching history and the related socia studies in middle and secondary schools focusing on the curriculum and the methods and techniques used by successful teachers in both history and related social studies. Credit is given only when taken in lieu of ADSE 4300. Lectures, discussion, analysis of documents, writing, participatory classroom activities. Fall

4351 INTERNSHIP I Internship I is part of the senior block for candidates in secondary education. The internship occurs in appropriate public school settings where the candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors. Students should enroll in this course concurrently with HIST 4310, Teaching Social Studies. Fall.

4392 INTERNSHIP IN PUBLIC HISTORY A directed field experience at the Old State House Museum, Faulkner County Museum, Clinton Presidential Library, or other approved site. The student completes 6-10 hours a week for 14 weeks on her/his selected project at the Museum, maintains a log of activities, and provides the Internship Coordinator with a final paper. Prerequisite: Consent of instructor and department chair. On demand.

4680 SOCIAL STUDIES INTERNSHIP II This course involves teaching under supervision in a public secondary school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with HIST 4681. Prerequisites: Admission into teacher education and successful completion of Internship I. Sprin

4681 SOCIAL STUDIES INTERNSHIP II This course involves teaching under supervision in a public school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with HIST 4680. Prerequisites: Admission into teacher education and successful completion of Internship I. Spring.

4191, 4291, 4391 TOPICS IN HISTORY Upper-division elective. Students study special topics in history to be determined by instructor and the needs of students who enroll. This course can be repeated for credit and may be counted as either United States or world history, depending on the subject of study. Lectures, discussion, analysis of documents, writing. On demand.

Philosophy

Return to Philosophy and Religion

[1] Courses in Philosophy (PHIL)

1301 PHILOSOPHY FOR LIVING A general education elective satisfying the humanities requirement. Develops basic skills in critical thinking, emphasizing clarification of personal values, major views of human nature, and issues in philosophical thought. Combines lecture and discussion methods. Fall, spring, summer.

1330 WORLD PHILOSOPHIES A general education elective satisfying three hours of the world cultural traditions requirement. Develops basic skills in critical thinking, emphasizing the global nature of philosophizing and the clarification of personal and social values through cross-cultural understanding. Combines lecture and discussion methods. Fall, spring, summer.

2300 EXISTENTIAL PROBLEMS IN PHILOSOPHY An elective for majors and minors in philosophy and religious studies. Critical introductory study of existential problems in philosophy. For students who want a more advanced introduction to philosophy. Combines lecture and discussion methods. On demand.

2305 CRITICAL THINKING A general education elective satisfying the humanities requirement. Designed to improve a person's ability to reason clearly and correctly and to make rational decisions based on understanding decision strategies, knowing how to use information, and being able to avoid erroneous thinking. Combines lecture, discussion, and critical writing methods. Fall, spring.

2310 INTRODUCTION TO LOGIC A required course for all philosophy majors and minors (may substitute PHIL 3310) and an elective for minors in linguistics. A course for any student wanting to improve reasoning abilities. Introductory study of correct inference in deductive, scientific, and everyday contexts. Included a classical and modern logic, the logic of science, the principles of definition, and the common errors of reasoning. Primarily lecture and task-oriented instruction Fall, spring.

2325 CONTEMPORARY MORAL PROBLEMS A general education elective satisfying the humanities requirement. Introduction to the major moral and ethical problems that confront individuals of the 21st century, such as abortion, euthanasia, animal rights, and world hunger. Combines lecture and discussion method Fall, spring, summer.

2360 GENDER, RACE & CLASS: PHILOSOPHICAL ISSUES A general education elective satisfying the humanities requirement. An introduction to philosophical issues concerning gender, race, and class with an emphasis on how these issues affect our identities and our conception of ourselves and others. Combines lecture and discussion methods. Fall, spring.

3300 GREEK AND ROMAN PHILOSOPHY One of the history of philosophy sequence. Required for all majors in philosophy but open to other students with interest in ancient philosophy. Encouraged as an elective for minors in philosophy. Early Western philosophy from Thales through Plotinus. Special emphasis on Plato and Aristotle. Combines lecture and discussion methods. Fall.

3301 MEDIEVAL PHILOSOPHY One of the history of philosophy sequence; an elective for majors and minors in philosophy and religious studies. Major thinkers and issues from the medieval period. Emphasis on Augustine, Anselm, Aquinas, Scotus, and Ockham. Combines lecture and discussion methods. Fall, even year

3302 MODERN PHILOSOPHY One of the history of philosophy sequence. Required of all majors in philosophy but open to any student with interest in modern philosophy. Encouraged as an elective for minors in philosophy. Major philosophical figures from the Renaissance through Kant. Emphasis on Descartes, Spinoz Locke, Berkeley, Hume, and Kant. Combines lecture and discussion methods. Spring.

3303 NINETEENTH-CENTURY PHILOSOPHY One of the history of philosophy sequence; an elective for majors and minors in philosophy and religious studies. Major issues and philosophers in the nineteenth century, including Hegel, Nietzsche, Kierkegaard, Comte, Mach, Schopenhauer, and Mill. Combines lecture and discussion methods. Fall, odd years.

3304 AMERICAN PRAGMATISM One of the history of philosophy sequence. The study of the major American philosophers and movements from colonial times the present with emphasis on pragmatism. Prerequisite: Three hours of philosophy or consent of instructor. Combines lecture and discussion methods. On demand.

3310 SYMBOLIC LOGIC An elective course for majors and minors in philosophy. Study and use of modern symbolic logic. Combines lecture method with problem-solving activities. Prerequisite: PHIL 2310 or consent of instructor. On demand.

3320 ETHICS Required for all majors and minors in philosophy (may substitute PHIL 3325). Fundamental ethical theories in the history of philosophy including those of Plato, Aristotle, Kant, and Mill. Contemporary moral theories also will be studied. Combines lecture and discussion methods. Spring, odd years.

3325 POLITICAL PHILOSOPHY An elective course for majors and minors in philosophy (may substitute as a requirement for PHIL 3320). Either a survey of

selected major political theories from Plato to Marx or a careful examination of historical and contemporary discussions of liberty, justice, rights, or political authority. Combines lecture and discussion methods. Spring, even years.

3330 PHILOSOPHY OF LAW This course will focus on major traditions and issues in the Philosophy of Law and Legal Theory. Topics to be covered will include: morality and the law, the rule of law, rights, and constitutionalism. Elective for students majoring or minoring in philosophy. Encouraged for Pre-Law students. Lecture and discussion. Spring odd years.

3331 PHILOSOPHY OF RELIGION An elective for majors and minors in philosophy and may serve as a requirement or elective for students in religious studies but open to any student with interest in the topic. Nature of religious experiences, faith, and reason, the theistic arguments, the problem of evil, immortality, a problems of religious language. Combines lecture and discussion methods. Spring, even years.

3340 AFRICAN AMERICAN PHILOSOPHY An elective for majors and minors in philosophy and African/African-American Studies. Attempts to understand the history, significance and value of the African American experience. Key issues include identity, alienation, justice and racism. Combines lecture and discussion. On demand.

3341 THEORIES OF KNOWLEDGE An elective course for majors and minors in philosophy but open to others with interest. A systematic exposition and critical analysis of some of the following problems in the theory of knowledge: concepts of truth, theories of perception, personal identity and knowledge of other minds, and alternative conceptions of the nature and limits of knowledge, including rationalism, empiricism, and intuitionism. Combines lecture and discussion methods. Spring, odd years.

3343 PHILOSOPHY OF SEX AND LOVE Elective for students majoring or minoring in either philosophy or religious studies and an elective for gender studies minors and other interested students. This course focuses on a number of philosophical treatises on the subjects of sex, love, and the relationship between the two. Combines lectures and discussions. Fall, odd years.

3345 FEMINIST PHILOSOPHY An elective course for philosophy majors and minors, as well as gender studies minors and other interested students. An examination of the relationships between feminism and philosophy. The course will compare and contrast different types of feminist theory, e.g., liberal, existentialist, radical, socialist, psychoanalytic and multicultural feminism. Combines lecture and discussion methods. Fall, even years.

3352 ASIAN PHILOSOPHY AND RELIGION An elective course for majors and minors in philosophy or religious studies and a required core course for the Asian studies minor. Major religions and philosophical ideas of Asia with emphasis on Hinduism, Buddhism, Confucianism, and Taoism. Combines lecture and discussion methods. On demand.

3360 PHILOSOPHY OF ART An elective course for majors and minors in philosophy but open for students interested in the arts. A study of the nature and purpose of the arts and of the experience of meaning and value through artistic creation and appreciation. Combines lecture and discussion methods. On demand.

3370 METAPHYSICS An elective course for all students majoring or minoring in either philosophy or religious studies and an elective for other interested students. This course is a survey of what Aristotle called "first philosophy." Metaphysics is a field of study in which one attempts to clearly and systematically address a wide-range of philosophical questions whose answers underlie our fundamental understanding of the nature of reality. Lecture and discussion format Spring even years.

3375 PHILOSOPHY OF MIND An elective course for all students majoring or minoring in philosopy and an elective for other interested students. This course is an introduction to the philosophy of mind which combines a survey of historical positions in the field with related contemporary issues in the study of consciousness, evoluntionary psychology, and artificial intelligence. Lecture and discussion. Fall even years.

3380 PHILOSOPHY OF SCIENCE An elective course for majors or minors in philosophy but open to students interested in science. An examination of the methods of scientific explanation and confirmation in logical and historical contexts. Combines lecture and discussion methods. On demand.

3390 INTERNSHIP IN PHILOSOPHY For majors and minors to fulfill elective requirements in one of the four required fields: History, Social and Political, Value, Metaphysics and Epistemology. Which elective it may fulfill is dependent on the content of the internship program and at the discretion of the chair of the Department of Philosophy and Religion. Each internship is tailored to the needs of the employer and the interests of the student. Internships require 120-150 hours of work with the employer for 3 hours of elective credit. Prerequisites: junior or senior standing and consent of departmental internship coordinator. Fall, spring, summer.

3395 TOPIC IN PHILOSOPHY Study in depth of a selected major problem in philosophy or the works of individual philosophers or groups of philosophers. Content changes on demand. May be repeated for credit. See semester schedule for description of content. On demand.

4300 READINGS IN PHILOSOPHY Independent study designed to deal in depth with specific problems and individuals in philosophy. Prerequisite: Consent of instructor. On demand.

4301 PHILOSOPHY FOR HONORS TUTORIAL Independent study designed to provide the exceptional student an opportunity to do advanced philosophical

research. May count toward the major. Prerequisite: Invitation by the philosophy department. On demand.

4305 CONTINENTAL PHILOSOPHY One of the history of philosophy sequence. A focused study of one or two areas of twentieth-century continental philosoph These areas include phenomenology, existentialism, hermeneutics, and postmodernism. Philosophers studied may include Husserl, Heidegger, Sartre, Gadamer, Derrida, and Foucault. Combines lecture and discussion methods. Spring, even years.

4306 ANALYTIC PHILOSOPHY One of the history of philosophy sequence. A study of empiricist metaphysics and epistemology in the twentieth century includi philosophers such as Russell, Wittgenstein, Ayer, Lewis, Ryle, Quine, and Davidson. Combines lecture and discussion methods. On demand.

4310 SENIOR THESIS IN PHILOSOPHY Individual research leading to the writing of a major philosophical paper. Elective for majors. Prerequisite: Consent of instructor. On demand.

4330 PHILOSOPHY OF LANGUAGE An elective course for majors or minors in philosophy or Linguistics, but open to others with interest in the topic. An inquir into the nature of language in its relations to consciousness, logic, social behavior and reality. Combines lecture and discussion. Spring even years.

4340 MEANING OF LIFE An elective course for majors and minors in philosophy and religious studies. A study of classical and contemporary attempts to answe the question "What is the meaning of life?" Key issues include personal identity, sources of significance, mortality and religious belief. Combines lecture and discussion methods. On demand.

4350 HEALTH CARE ETHICS An elective course designed primarily for students of the health sciences, physical therapy specifically, but also will count toward a major or minor in philosophy. A study of the issues and principles of ethics related to health care. Topics include ethical reasoning, bioethics, and individual ca studies of problems arising within the practice of various health care fields. Prerequisite: One philosophy course or consent of the instructor. Summer.

Sociology

Return to Sociology

[1] Courses in Sociology (SOC)

1300 PRINCIPLES OF SOCIOLOGY Part of the general education program as a behavioral and social sciences elective, a requirement for all majors, and a prerequisite for most sociology courses. An introduction to the basic conceptual, theoretical, and methodological principles of sociology as an academic discipline for understanding the structure and patterns of human social life. Lecture and discussion. Fall, spring, summer.

2321 SOCIAL STATISTICS A requirement for all majors and an elective for minors. This course focuses on developing students' ability to understand, apply, an interpret basic descriptive and inferential statistics. This course uses both lectures on the logic of statistics and workshops on the analysis of data sets using statistical computer software. No credit will be given in more than one introductory statistics course. Prerequisite: Sociology major or minor or consent of instructor. Fall, spring, summer.

2325 SOCIAL PROBLEMS An elective for majors and minors. Examination of contemporary social problems, their causes, and proposed solutions. Emphasizes the application of sociological theories to social problems related to the major systems and institutions in our society. Lecture and discussion. Fall, spring, summer.

2342 SOCIOLOGY OF YOUTH An elective for majors and minors. A detailed exploration of social issues related to childhood and adolescence. Particular focus will be placed on youth role expectations and socialization processes as regulated by historical events, population trends, and social institutions. Lecture and discussion. Prerequisite: SOC 1300. Summer, on demand.

2360 SELF AND SOCIETY An elective for majors and minors. An examination of the relationship between the psychology of the self and the social situations in which people act, emphasizing the role that symbols and language play in identity formation and social interaction in everyday life. Lecture and discussion. Prerequisite: SOC 1300. Fall, spring.

3310 RACIAL AND ETHNIC RELATIONS An elective for majors and minors. A study of racial and ethnic relations in the United States and the dilemmas posed b competing value-systems. Special attention is given to theoretical explanations and empirical evidence accounting for similarities and differences in access to U social resources. Lecture and discussion. Prerequisite: SOC 1300. Fall, spring.

3320 SOCIAL RESEARCH METHODS A requirement for all majors and an elective for minors. The research methods used in sociology with particular emphasis on student development of a research proposal. Lecture and discussion. Prerequisites: SOC 1300. Fall, spring.

3330 SOCIOLOGY OF SPORTS An elective for majors and minors. The significance of sports in contemporary society and their connection to major spheres of social life; emphasis is placed on the intersection of sports with dominant cultural institutions and related issues of race, class, and gender. Prerequisite: SOC 1300. Fall, and summer on demand.

3340 URBAN SOCIOLOGY An elective for majors and minors. The historical development and importance of cities in modern society, the consequences of rural urban population movements, and the social problems of contemporary urban life. Lecture and discussion. Prerequisite: SOC 1300. Summer, on demand.

3350 MARRIAGES AND FAMILIES An elective for majors and minors. An exploration of common family forms and processes. The topical areas cover a range of family events including mate-selection, childrearing, and divorce. Special emphasis will be placed on family demography, history, research methods, theory, and policy evaluation. Lecture and discussion. Prerequisite: SOC 1300. Fall.

3361 GENDER ROLES An elective for majors and minors. An in-depth look at gender roles in American society. By examining the social processes by which ma and female biology is transformed into culture (gender and/or gender roles), this course seeks to make sense of the continuing differences and inequalities between women's and men's lives. Lecture and discussion. Prerequisite: SOC 1300. Fall, spring.

3370 CRIMINOLOGY A requirement for all criminology concentration majors and an elective for other majors and minors. A study of law-breaking behavior in complex social environments. Emphasis is placed on the definition and measurement of crime, methods of crime analysis, and theoretical explanations of crime Additional emphasis is placed on legal and social policy regarding crime control and prevention. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Fall, spring, summer.

3371 JUVENILE DELINQUENCY A requirement for all criminology concentration majors and an elective for other majors and minors. A study of juvenile rule/status violating behavior. Emphasis is placed on the definition and measurement of delinquency and theoretical explanations for delinquent behavior. Additional emphasis is given to description and evaluation of delinquency control agencies. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Fall, spring, summer, on demand.

3381 DEATH AND DYING An elective for majors and minors. An examination of death and dying as social processes, including the rites, practices, and social

meanings associated with death and dying in this society as well as cross-cultural observations of death practices. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Fall.

3398 TRAVEL SEMINAR An elective for majors and minors. Students are immersed in the culture and environment of the locale. Travel sites vary as do the topical areas of focus. Travel seminars include both domestic and international locations. Prerequisite: Consent of instructor. Summer.

4300 SOCIOLOGY OF RELIGION An elective for majors and minors. An examination of religion as a social institution and its relationship to other institutions in American society, emphasizing the social development and consequences of religious beliefs and practices for both groups and individuals. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Spring.

4301 SOCIAL MOVEMENTS AND SOCIAL CHANGE An elective for majors and minors. An examination of the role played by social movements in bringing abou or resisting change in times of social upheaval. Emphasis is placed on those factors that lead to the rise of new movements, as well as those that determine movements' success or failure in achieving their objectives. Lecture and discussion. Prerequisite: SOC 1300. Spring.

4320 SOCIOLOGY OF WORK An elective for majors and minors. Work and its organization, with emphasis on sociological factors affecting work motivation and effectiveness as well as the impact of workplace structure on individual behavior. Lecture and discussion. Prerequisite: SOC 1300. Summer, on demand.

4321 SOCIAL POLICY ANALYSIS An elective for majors and minors. Introduction to the process and product of social policy. Considerable attention is given to understanding the general stages of the policy process, and employing this information to analyze major contemporary social policy issues relating to employment and wages, poverty and welfare, health care, the environment, etc. Lecture and discussion. Prerequisite: SOC 1300. Summer, on demand.

4322 SOCIOLOGY OF MENTAL ILLNESS An elective for majors and minors. This course compares and contrasts the major theoretical paradigms which account for mental illness, investigates the social factors influencing the genesis, diagnosis and treatment of mental illness, and explores the social consequences of entry into the role of mental patient. Lecture and discussion. Prerequisite: SOC 1300. Fall, even years.

4330 SOCIAL THEORY A requirement for all majors and an elective for minors. This course examines the theoretical contributions to sociology of selected nineteenth and early twentieth-century scholars and proceeds to the assessment of contemporary theoretical perspectives in sociology including functional theory, conflict theory, and various micro interaction theories. Lecture and discussion. Prerequisite: SOC 1300 and a minimum of 15 hours in sociology. Fall, spring, summer.

4331 SOCIAL GERONTOLOGY An elective for majors and minors. This course covers the political economy of aging by examining societal-level responses to a aging population and the effects that societal responses have had on the elderly as a group. Lecture and discussion. Prerequisite: SOC 1300. Spring.

4334 MEDICAL SOCIOLOGY A requirement for all medical concentration majors and an elective for other majors and minors. This course examines the institution of medicine using sociological theories. Topics include social epidemiology, social factors that influence the medical institution, social construction o illness, and the doctor-patient relationship. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Fall, spring, summer.

4335 HEALTH ORGANIZATIONS A requirement for all medical concentration majors and an elective for other majors and minors. This course examines the development and current state of health care organizations and health care policies in the United States and other countries, focusing on detailed discussions o public and private insurance programs and policies. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Fall.

4341 POPULATION An elective for majors and minors. This course analyzes population data, trends, and theories from a sociological perspective, using sociological theories. Analysis includes the study of factors influencing fertility, mortality, and migration and the social consequences of these and other demographic variables. Lecture and discussion. Prerequisite: SOC 1300. Summer, on demand.

4342 STRATIFICATION An elective for majors and minors. This course focuses on explanations of stratification that results in the unequal distribution of wealt and income in society. The course explores recent historical and contemporary research describing the nature of inequality by social classes as it relates to race ethnicity, and gender. Lecture and discussion. Prerequisite: SOC 1300. Spring.

4343 HEALTH STRATEGIES FOR MULTICULTURAL POPULATIONS A requirement for all medical concentration majors and an elective for other majors and minors. This course acquaints students with the health culture of various ethnic groups, examines the integration of health programs into their environment, an promotes the application of research skills in selected populations. Cross-listed with H ED 4343/5353. Students will receive credit for only one of the courses. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. Spring.

4351 FAMILY DIVERSITY An elective for majors and minors. An exploration of issues concerning family change in our culture. Emphasis will be placed on famil forms other than the "traditional" family. Theoretical causes of structural changes and the consequences these changes bring to society as a whole will also be discussed. Lecture and discussion. Prerequisite: SOC 1300. Spring.

4355 VICTIMOLOGY A requirement for criminology concentration majors and an elective for other majors and minors. This course focuses on the social and psychological impact of crime and the criminal justice system on crime victims, historical and current status of the crime victim movement, and policy alternatives for interactions between victims and the legal and social service agencies. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor.

Spring, summer, on demand.

4360 SEMINAR A requirement for all majors. This course assists the student in the completion of a unique research project. Additional emphasis will be placed on research evaluation, resume construction, and career and educational opportunities for sociology graduates. Seminar. Prerequisites: 21 hours of sociology including SOC 2321, 3320 and 4330. Fall, spring.

4370 INTERNSHIP IN SOCIOLOGY An elective for majors and minors. A structured, supervised work experience. The student completes a minimum of 150 hou within the assigned agency during the term enrolled, maintains a log of activities, and provides the internship coordinator with a final paper. Prerequisites: 21 hours of sociology including SOC 2321, 3320, 4330; junior or senior standing; 2.5 GPA or higher; and consent of instructor. Fall, spring, summer.

4395 CONTEMPORARY SOCIAL ISSUES An elective for majors and minors. An in-depth investigation into a significant social issue, emphasizing an examinatio of competing ideological orientations toward the issue. The topic varies annually but is announced in the course schedule. Lecture and discussion. Prerequisite: SOC 1300 or consent of instructor. On demand.

4190, 4290, 4390 SELECTED PROBLEMS IN SOCIOLOGY An elective for majors and minors. Independent readings, discussions, and writings will be completed in specific areas of sociology that are of particular interest to the student. Prerequisite: Consent of instructor and department chair. On demand.

Anthropology

Undergraduate Bulletin
Document Number 4.05.07(b)

Return to Sociology

[1] Courses in Anthropology (ANTH)

1302 INTRODUCTION TO ANTHROPOLOGY Part of the general education program as a behavioral and social sciences elective and an elective for other majors and minors. An introduction to the field of anthropology with an emphasis on basic anthropological principles, the nature of culture and social organization, an the biological beginnings of homo sapiens. Lecture and discussion. Fall, spring, summer.

2300 PEOPLES AND CULTURES An elective in the anthropology minor core. In this course, we will examine some of the dominant methods, theories, and debat informing the discipline of cultural anthropology. In addition to studying the content of anthropological analyses, we will also study the processes of conductin anthropological fieldwork and some of the practical applications of anthroplogical knowledge. Readings for the course have been chosen to provide you with a sampling of perspectives on culture and society, including cross-cultural, ethnographic, and life history angles at the culture-society-environment interrelationship. These three frameworks-the cross-cultural, the ethnographic, and the life history approach-will provide you with a springboard for exploring the role of culture in your own life and society. Learning formats for the course will include readings, lecture, film, discussion, and group exercises. Prerequisite ANTH 1302. Fall.

2310 BIOLOGICAL ANTHROPOLOGY An elective in the anthropology minor core. This course is a comprehensive introduction to the fields of biological and physical anthropology addressing how ideas about human origins were forever altered by Darwin's theory of evolution, how mechanisms of evolution are explained by modern genetics, and how modern human variation can be understood by applying these principles. It will cover the living primates and paleontological evidence for the divergences that led to the man apes and eventually to humans. The course focuses on the relationship between biology and culture, how and why our species became our planet's dominant life form, the biological impact of agriculture and civilization, and prospects for the future of t Homo sapiens ("thinking" or "wise man") species. Lecture and discussion. Prerequisite: ANTH 1302. Fall.

2325 ARCHAEOLOGY OF NORTH AMERICA An elective in the anthropology minor core. Archaeology investigates past cultures in order to reconstruct past lifeways and to understand changes that have occurred in different groups of people across the landscape through time. Archaeology plays an integral role in identifying where these groups lived, what they ate, how they interacted with each other (trade, warfare), and how they were organized socially and politically (elites, chiefs, priests). Analysis of the material remains - artifacts, structural features, botanical remains - allows us to develop answers to the above questions By the end of this course, you will have an understanding of the history of archaeology in North America and the diverse prehistoric Native American cultures. You will have been exposed to the issues faced by and methods utilized in reconstructing past settlement patterns, subsistence strategies, religious practices an social and political organization. Lecture and discussion. Prerequisite: ANTH 1302. Spring even years.

3300 REGIONAL ANTHROPOLOGY An elective in the anthropology minor core. Anthropological study of culture and society in a delineated geographical region of the world such as Appalachia, the Ozarks, the United States Southwest or South, Sub-Saharan Africa, the Arctic, East Asia, the Caribbean, Eastern Europe, Andean or Amazonian South America, the Middle East, Oceania, or South Asia. The course will introduce the geography of the region and explore its archaeolo and cultural history, in addition to any other pertinent culture, ecological, societal, and/or historical features. May be repeated with new content. Maximum cred six units. Lecture and discussion. Prerequisite: ANTH 1302. Spring.

3310 MAGIC, RELIGION, AND WITCHCRAFT An elective in the anthropology minor core. An exploration of supernatural beliefs and practices from primeval through contemporary culture including techniques for controlling the supernatural, parallels in religious movements and upheavals, and today's quest for meaning and sanction. Students should gain undertstanding of unfamiliar beliefs and the underlying psychic unity of humankind. Lecture and discussion. Prerequisite: ANTH 1302. Spring.

3315 NATIVE AMERICAN CULTURES An elective for majors and minors. A study of the traditional lifeways of early Native American societies by culture area. Additional emphasis is placed on modern influences on tribal life resulting from treaties, pan-Indianism, and political activities. Lecture and discussion. Prerequisite: SOC 1302 or consent of instructor. Fall, odd years.

3340 ENVIRONMENTAL ANTHROPOLOGY An elective in the anthropology minor core. Environmental anthropology provides an introduction to human / environmental interations from diverse anthropological perpectives, covering cultural ecology, ecological anthropology, ethnoscience, and political ecology. This course explores human adaptability, integrating social and biological approaches, cultural and political ecology, ecological politics and resistance in struggles over the definition, organization, and control of the natural environment, and contemporary issues sof global environmental change, population and environmen "common property" resources, indigenous peoples' environmental sciences and management regimes of resources, and the power relations affecting local and global human use of the environment. Lecture and discussion. Prerequisite: ANTH 1302. Spring.

3350 MUSEUM ANTHROPOLOGY An elective in the anthropology minor core. This course in applied anthropology will introduce students to the history, purposes, transformations, and internal workings of museums. It will cover the relevance of humanistic and scientific anthropological training to careers in the museum field. Students will learn about some of the world's large and small museums, focusing on natural and cultural history, and science museums related t anthropological studies of archaeology, human evolution, and world ethnography and ethnology. Lecture and discussion. Prerequisite: ANTH 1302. Fall.

3360 ANTHROPOLOGY TRAVEL SEMINAR An elective in the anthropology minor. Students are immersed in the culture and environment of the locale. Travel sites vary as do the topical areas of focus. Travel seminars include both domestic and international locations. Students will be expected to learn about the cultural history of the region, in addition to geographic and ecological characteristics. Prerequisite: ANTH 1302. On demand.

4190, 4290, 4390 SELECTED PROBLEMS IN ANTHROPOLOGY An elective in the anthropology minor. This readings, discussion, and/or independent research course is on a topic of interest to the student and approved by the professor. Because of the nature of the course, its success depends largely on the student's level of self-motivation. A topical area will be decided on by the student and faculty member and may consist of readings, field research, and/or academic trav Activities when investigating the topic will vary by student. Prerequisite: ANTH 1302. On demand.

4370 CULTURAL ANTHROPOLOGY RESEARCH METHODS An elective in the anthropology minor. This course provides a broad introduction to issues of cultura anthropology research methods and design. Consideration is given to both quantitative and qualitative approaches to research, although more emphasis is placed on qualitative methods. No prior knowledge of methodology or statistics is expected or assumed. The course differs from other courses on research design in that it is decidedly interdisciplinary in nature (drawing on literature from anthropology, geography, political science and sociology). After this course, students will be able to design and implement your own social science research project. Three interrelated dimensions of reasearch are explored; one focuses o the theoretical foundations of social scinece research, another focuses on the various methods available to researchers for data collection and analysis, and finally we complete exercises in the practical application of various methods. Lecture and discussion. Prerequisite: ANTH 1302. On demand.

4380 ANTHROPOLOGICAL THEORY An elective in the anthropology minor. This course will explore the intellectual currents and ideas that have informed anthropological research and writings and the progressive development of anthropological theory. It will trace the discipline from its colonial origins through various paradigmatic shifts, revisions and refinements; exploring postmodern, post-colonial, feminist, relativist, and anit-relativist critiques and beyond. Lectur and discussion. Prerequisite: ANTH 1032. On demand.

4395 SPECIAL TOPICS IN ANTHROPOLOGY An elective in the anthropology minor. Upper division elective. This course examines anthropological subjects of interest that would otherwise be unavailable through traditional course offerings. Topics will vary. Lecture and discussion. Prerequisite: ANTH 1302. On demand

World Languages, Literatures, and Cultures

Undergraduate Bulletin
Document Number 4.05.08(a)

Return to World Languages

[1] Courses Offered in English (WLAN)

1300 ELEMENTARY LANGUAGE I Beginning study in a language other than those normally taught at UCA. Emphasis on grammatical concepts leading to a basic reading ability and/or speaking skills. On demand.

1310 INTRODUCTION TO AFRICAN/AFRICAN-AMERICAN STUDIES Introductory course required for the African/African-American Studies minor, and satisfies the general education World Cultural Traditions requirement. An introduction to the study of African, Afro-Caribbean, and African-American cultures, that encourages students to draw upon multiple disciplines to understand the diversity of cultural forms manifested throughout the African Diaspora.

2300 LEVEL 3 INTENSIVE ENGLISH CORE PROGRAM Credit for WLAN 2300 will be granted to international students enrolled full-time in the IEP program who meet the following criteria: (1) completion of Level 3 of the Intensive English Program with a 3.0 GPA; (2) all As and Bs in IEP classes and a score of 500 or abov on TOEFL; (3) passing scores on the Accuplacer reading and writing tests for transitional classes or equivalent scores on the ACT or SAT tests; (4) previous admission to UCA on the basis of high school grades or grades issued by another university from which the student is transferring.

2315 CULTURAL STUDIES Satisfies the 3-hour humanities requirement of the general education program. Examination of one or more foreign cultures, their individual and group values, and their ways of life as reflected in literature (i.e., short stories, essays, novels) and film. May be repeated for credit under differe topics. Includes work on speaking and writing skills. May not be presented as part of the foreign language requirement for the BA degree. Fall, spring.

2325 ISSUES OF CULTURAL IDENTITY IN FRANCOPHONE AFRICA AND THE CARIBBEAN Satisfies the 3-hour humanities requirement of the general education program and fulfills elective credit in the African/African-American studies major and minor. An introduction to the rhetoric of cultural identity in the post-colonial Francophone world. Examination of French-speaking cultures of Africa and the Caribbean, as reflected in literature (e.g., short stories, essays, novels) and film. Includes work on speaking and writing skills. May not be presented as part of the foreign language requirement for the BA degree. Lecture, discussion Fall.

2350 WORLD LANGUAGES Satifisfies the 3-hour elective requirement of the general education program in the area of World Cultural Traditions. An Introductio to world languages from geographical, historical, social, and psychological perspectives. Emphasis on the diversity in the world's verbal communication systems as well as the universal aspects underlying all human symbolic behavior. Basic introduction to language structure, phonetics/phonology, morphology, syntax, semantics, and pragmatics. Fall, spring

4315 METHODS OF TEACHING SECOND LANGUAGES Modern methods of instruction in foreign language, English as a second language, and culture. Materials planning, and classroom techniques are emphasized. Course goals will be accomplished through the use of lecture, discussion, written assignments, and field experiences. May not be presented as part of the foreign language major or minor requirements. This course is part of the ESL endorsement and foreign language teaching licensure curriculum at UCA. Prerequisites: For students pursuing ESL endorsement, admission to the teacher education program or consent department chair. For students pursuing licensure in a foreign language, two 3000-level language courses or a passing score on the Praxis II exam and consen of chair. Fall.

4325 SECOND LANGUAGE ACQUISITION A study of the most common theories and research on second language acquisition (SLA), similarities and differences of first and second language acquisition, and the relevance of SLA to classroom teaching of second languages. Course goals will be accomplished through the use of lecture, discussion, written assignments, and field experiences. May not be presented as part of the foreign language major or minor requirements. This course is part of the ESL endorsement and foreign language teaching licensure curriculum at UCA. Prerequisite: Admission to the teacher education program or consent of department chair. Fall.

4330 SECOND LANGUAGE ASSESSMENT A study of second language assessment techniques and procedures. Construction and critique of instruments for assessing proficiencies in listening, speaking, reading, and writing. Course goals will be accomplished through the use of lecture, discussion, written assignments, and field experiences. May not be presented as part of the foreign language major or minor requirements. This course is part of the ESL endorsement and foreign language teaching licensure curriculum at UCA. Prerequisites: Admission to the teacher education program or consent of department chair. Spring.

4350 INTERNSHIP I Internship I is part of the senior block for candidates in foreign language education. The internship occurs in a P-8 classroom setting wher candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors. Requires concentrated time weekly in the school. Taken the semester prior to Internship II. Prerequisites: Admission to the teacher education program and completion of designated professional education and speciality courses. Fall.

4360 SPANISH FOR MEDICAL PROFESSIONS A topics course designed to provide intensive study of vocabulary, grammatical structures, interview techniques, and cultural information useful to health care professionals. Students will examine current issues related to serving the medical needs of the Hispanic populatio The course will be tailored to one of the health professions. May not be presented as part of the Spanish minor or major requirements. Prerequisite: Consent of chair. On demand.

4690 INTERNSHIP II This course involves teaching under supervision in a public secondary school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with WLAN 4691. Prerequisites: Admission to teacher education and successful completion of Internship I. Spring.

4691 INTERNSHIP II This course involves teaching under supervision in a public secondary school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with WLAN 4690. Prerequisites: Admission to teacher education and successful completion of Internship I. Spring.

French

Undergraduate Bulletin
Document Number 4.05.08(b)

Return to World Languages

[1] Courses in French (FREN)

1111, 1211 BASIC FRENCH COMMUNICATION Oral practice in basic French communication for social and travel situations. Laboratory or classroom setting.

1301 FRENCH FOR READING KNOWLEDGE Designed to enable students with no prior knowledge of French to acquire a basic reading competency. Includes an overview of the principles of French grammar and the study of texts related to students' fields of study. Of special interest to students preparing for graduate school. FREN 1301 does not count toward the BA requirement. On demand.

1310 ELEMENTARY FRENCH I Beginning study of French. Basic communication skills are emphasized. Discussion/lecture. Prerequisite: no previous experience French or placement examination score. Students with 3 or more years of high school French should not take this class. Fall, spring.

1320 ELEMENTARY FRENCH II Continued study of the basic elements of French and practice in communication skills. Discussion/lecture. Prerequisite: C grade or better in FREN 1310 or appropriate placement examination score, or consent of chair. Fall, spring.

2112, 2212 COMMUNICATING IN FRENCH I AND II Oral practice of French in social, travel, and business situations. Do not fulfill B.A. foreign language requirement. On demand.

2310 FRENCH CONVERSATION AND COMPOSITION I Review and broadening of basic skills in realistic contexts. The first course in the minor or major. Study o cultural and literary texts. Discussion/lecture. Prerequisite: C grade or better in FREN 1320 or appropriate placement examination score, or consent of chair. Fa spring.

2320 FRENCH CONVERSATION AND COMPOSITION II Further review with special emphasis on reading and writing. Also fulfills humanities area elective in general education. Discussion/lecture. Prerequisite: FREN 2310 or appropriate placement examination score and consent of chair. Fall, spring.

2330 INTRODUCTION TO BUSINESS FRENCH Special applications of French to the business environment. Emphasis on a broad range of topics related to the needs of people working with or living in the French business community. Discussion/lecture. Prerequisite: FREN 2310 or consent of chair. On demand.

2340 INTENSIVE ORAL PRACTICE ABROAD IN FRENCH Intensive practice in speaking French. Student must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. French 2340 cannot be counted toward the major or minor in French, nor can it be used to fulfill the three credit hours required at th intermediate level for the B.A. foreign language requirement. Prerequisite: FREN 1320. On demand.

3160, 3260 PRACTICUM IN FRENCH Designed to enhance communication skills and cultural knowledge through participation in authentic language experience May be repeated once, but a maximum of 3 hours may be applied to the major or minor program. Prerequisite: FREN 2320 or consent of chair. On demand.

3300 ADVANCED GRAMMAR AND COMPOSITION I In-depth study of grammar and practice in communication skills including increased writing in French. Discussion/lecture. Prerequisite: FREN 2320 or consent of chair. On demand.

3303 ADVANCED GRAMMAR AND COMPOSITION II In-depth study of the French language and introduction to textual analysis/explication de texte with an emphasis on stylistics and rhetoric. Discussion/lecture. Prerequisite: FREN 2320 or consent of chair. On demand.

3312 FRENCH CIVILIZATION Survey of historical, political, and social elements of French society with an analysis of modern French customs and social problems. Discussion/lecture. Prerequisite: FREN 2320 or consent of chair. On demand.

3315 ISSUES OF CULTURAL IDENTITY IN THE FRANCOPHONE WORLD Topics course in issues of cultural identity in the French-speaking world. Areas of stud may include the literature and culture of French-speaking North America, Africa, Indochina, and the French Antilles. With approval by the Department Chair, French 3315 may count as either a literature course or a culture course to fulfill major area requirements. Discussion/lecture. Prerequisite: French 2320 or consent of Chair. On demand.

3320 FRENCH LITERATURE I Survey of French literature before 1800. Discussion/lecture. Prerequisite: FREN 3300 or consent of chair. On demand.

3321 FRENCH LITERATURE II Survey of major French literary movements since 1800, including romanticism, realism, symbolism, surrealism and existentialism Thematic focus on the self in society in 19th- and 20th-century French literature. Discussion/lecture. Prerequisite: FREN 3300 or consent of chair. On demand.

3330 ADVANCED BUSINESS FRENCH An upper division elective designed to help students transition from intermediate-high to advanced level proficiency in

listening, speaking, reading and writing skills as they study business related vocabulary, concepts, and cultural differences. Review grammatical structures as needed. Students will read articles related to conducting business in France, the state and structure of France's economy and will explore current topics in global economics and trade, especially as they pertain to French and Canadian firms doing business in the U.S. and Arkansas. Discussion/lecture. Prerequisite: one FRE 3000-level class or consent of chair. On demand.

3340 INTENSIVE ORAL PRACTICE ABROAD IN FRENCH Intensive practice in speaking French. Student must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. Students may only count three credits of Intensive Oral French Abroad (3340) toward the major in French. Prerequisite: FREN 2320. O demand.

3350 FRENCH CINEMA Overview of French cinema from its invention to the present. During the semester, students will explore cinematic trends and movemen such as early documentary and narrative film shorts, silent classics, avant-garde films, poetic realism, golden-era sound films, popular cinema, the New Wave, post-68 cinema feminist films, cinéma du look, neo-realism, gay cinema, la mode rétro, heritage films, cinéma de banlieue, postmodern films, African cinema, immigration cinema, and post-national cinema. Discussion/lecture. On demand.

4110 SENIOR CAPSTONE PROJECT Capstone course required of all French majors completing the program. Students must complete a series of comprehensive assessments including proficiency examinations, self-assessments, essays and a final paper asking students to integrate their linguistic, cultural, and literary knowledge. Teacher candidates completing the course will be required to complete an official ACTFL Oral Proficiency Interview. Discussion/lecture. Fall, spring.

4310 UNDERGRADUATE SCHOLAR'S THESIS Tutorial taken in the senior year by a student who is invited to enter the undergraduate scholar's program in French. A reading list will provide the foundation for a thesis to be written by the honors candidate. To qualify, the student must earn a grade of A or B on the thesis. Prerequisite: Departmental invitation.

4350 ADVANCED CONVERSATION AND PHONETICS Development of advanced oral proficiency including a study of French pronunciation habits. Discussion/lecture. Prerequisite: FREN 2320 or consent of chair. On demand.

4395 ADVANCED FRENCH LITERATURE Theme course. Special studies in various genres, literary movements, or authors. May be repeated for credit under different topics. Seminar format. Prerequisite: Two 3000-level courses or consent of chair. On demand.

4100, 4200, 4300 INDEPENDENT STUDY IN FRENCH Prerequisite: Consent of instructor and chair. On demand.

German

Undergraduate Bulletin
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Return to World Languages

[1] Courses in German (GERM)

1111, 1211 BASIC GERMAN COMMUNICATION Oral practice in basic German communication for social and travel situations. Laboratory or classroom setting. Use of videos, CAL programs, and authentic materials to model real-life language situations. On demand.

1310 ELEMENTARY GERMAN I Beginning study of German. Basic comprehension and communication skills are emphasized. Text materials correlated with a video program presenting language and culture in real-life situations. Listening comprehension practice through on-line multi-media workbook. Discussion/lecture. Fall, spring.

1320 ELEMENTARY GERMAN II Continued practice in comprehension and communication skills. Discussion/lecture. Prerequisite: C grade or better in 1310 or appropriate placement examination score, or consent of chair. Fall, spring.

2112, 2212 COMMUNICATING IN GERMAN I AND II Oral practice of German in social, travel, and business situations. Do not fulfill BA foreign language requirement. On demand.

2310 INTERMEDIATE GERMAN I Basic review with practice in listening and reading comprehension and in oral and written communication. Discussion/lecture. Prerequisite: C grade or better in GERM 1320 or appropriate placement examination score, or consent of chair. Fall, spring.

2320 INTERMEDIATE GERMAN II Continued practice in comprehension and communication skills with additional emphasis on active use of reading and writing skills. Also fulfills humanities area elective in general education. Discussion/lecture. Prerequisite: GERM 2310 or consent of chair. Fall, spring.

2330 BUSINESS GERMAN Special applications of German to the business environment. Emphasis on a broad range of topics related to the needs of people working with or living in the German business community. Discussion/lecture. On demand.

2340 INTENSIVE ORAL PRACTICE ABROAD IN GERMAN Intensive practice in speaking German. Students must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. German 2340 cannot be counted toward the minor in German, nor can it be used to fulfill the three credit hours required at the intermediate level for the B.A. foreign language requirement. Prerequisite: GERM 1320. On demand.

3160, 3260 PRACTICUM Designed to enhance communication skills and cultural knowledge through participation in authentic language experiences. May be repeated for 6 hours, but a maximum of 3 hours may be applied to the minor program. Prerequisite: GERM 2310 or consent of chair. On demand.

3300 ADVANCED COMPOSITION AND CONVERSATION I Intensive practice in writing and speaking idiomatic German, including business and social correspondence. Discussion/lecture. Prerequisite: GERM 2320 or consent of chair. On demand.

3303 ADVANCED COMPOSITION AND CONVERSATION II Continued practice in writing and speaking idiomatic German, including business and social correspondence. Discussion/lecture. Prerequisite: GERM 2320 or consent of chair. On demand.

3312 GERMAN CIVILIZATION Survey of historical, literary, and artistic elements of German society with an analysis of modern German customs and social problems. Discussion/lecture. Prerequisite: GERM 2310 or consent of chair. On demand.

3320 INTRODUCTION TO GERMAN LITERATURE Selections from major works of German literature illustrating significant issues of German culture. Prerequisit GERM 2310 or consent of chair. Discussion/lecture. On demand.

3340 INTENSIVE ORAL PRACTICE ABROAD IN GERMAN Intensive practice in speaking German. Students must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. German 3340 cannot be substituted for one of the required courses for the German minor.Prerequisite: GERM 2320. On demand.

4350 GERMAN GRAMMAR AND PHONETICS In-depth examination of the elements of German grammar along with a study of the phonetic principles of the language. Discussion/lecture. Prerequisite: GERM 2320 or consent of chair. On demand.

4395 ADVANCED GERMAN LITERATURE Theme course. Special studies in various genres, literary movements, or authors. May be repeated for credit under different topics. Discussion/lecture. Prerequisite: Two 3000-level courses or consent of chair. On demand.

4100, 4200, 4300 INDEPENDENT STUDY IN GERMAN Prerequisite: Consent of chair and instructor. On demand.

Japanese

Undergraduate Bulletin
Document Number 4.05.08(d)

Return to World Languages

[1] Courses in Japanese (JAPN)

1310 ELEMENTARY JAPANESE I Beginning study of Japanese. Basic skills are emphasized. Discussion/lecture. Every semester.

1320 ELEMENTARY JAPANESE II Continuation of the study of grammar and communication skills. Discussion/lecture. Prerequisite: C grade or better in JAPN 1310 or consent of chair. Every semester.

2310 JAPANESE CONVERSATION AND COMPOSITION I Continuation of structure and skills development including introduction to writing. Discussion/lecture. Prerequisite: C grade or better in JAPN 1320 or consent of chair. Every semester.

Latin

Undergraduate Bulletin
Document Number 4.05.08(e)

Return to World Languages

[1] Courses in Latin (LAT)

1310 ELEMENTARY LATIN I Beginning study of Latin. Grammar and reading skills are emphasized. Discussion/lecture. On demand.

1320 ELEMENTARY LATIN II Continuation of the study of grammar and development of reading and translation skills. Discussion/lecture. Prerequisite: C grade or better in LAT 1310 or consent of chair. On demand.

2310 INTERMEDIATE LATIN I Continued development of reading and translation skills. Selected readings from Latin authors. Discussion/lecture. Prerequisite: C grade or better in LAT 1320 or consent of chair. On demand.

Russian

Undergraduate Bulletin
Document Number 4.05.08(f)

Return to World Languages

[1] Courses in Russian (RUSS)

1310 ELEMENTARY RUSSIAN I Beginning study of Russian. The course focuses on the four basic skills of speaking, reading, listening, and writing to help students gain an general introduction to the Russian language. Special emphasis is placed on the many grammatical structures necessary for perfecting communication skills. Student will also gain awareness of Russia culture. On demand.

1320 ELEMENTARY RUSSIAN II Continuation of Beginning Russian designed for students who have previously taken RUSS1310 or its equivalent. Students will continue to build on their previous knowledge of the Russian language, while perfecting the basic skills of speaking, reading, listening, and writing. Student will also gain awareness of Russia culture. Prerequisite: C grade or better in RUSS 1310 or consent of chair. On demand.

2310 RUSSIAN CONVERSATION AND COMPOSITION I Review with continuation of low-mid intermediate skills with emphasis placed on communication. Discussion/lecture. Prerequisite: C grade or better in RUSS 1320 or consent of chair. On demand.

Chinese

World Languages, Literatures, and Cultures

Return to World Languages

[1] Courses in Chinese (CHIN)

1410 ELEMENTARY CHINESE I Beginning study of modern Standard Chinese for beginners with no prior exposure to the language. Basic skills are emphasized including elementary Mandarin pronunciation, grammar, and orthography (in both Pinyin and characters). Discussion/lecture. Fall, spring.

1420 ELEMENTARY CHINESE II Continued study of modern Standard Chinese for learners who have had the equivalent of one semester of college Chinese. Bas skills are emphasized, including elementary Mandarin pronunciation, grammar, and orthography (in both Pinyin and characters). Discussion/lecture. Prerequisite C grade or better in CHIN 1410 or consent of chair. Fall, spring.

2310 INTERMEDIATE CHINESE I This course further develops the four basic language skills, with an emphasis on listening and speaking the acquisition of 300 simplified Chinese characters for short writing assignments on topics used in the textbook. Students will be able to recognize 900 characters by the end of this course. Discussion/lecture. Prerequisite: CHIN 1420. Fall, spring.

2320 INTERMEDIATE CHINESE II This course further develops the four basic language skills, with an emphasis on listening and speaking and the acquisition o 300 simpliried Chinese characters for short writing assignments on topics used in the textbook. Students will be able to recognize 1200 characters by the end this course. Discussion/lecture. Prerequisite: CHIN 2310. Fall, spring.

2340 INTENSIVE CHINESE CONVERSATION ABROAD Intensive practice in speaking Mandarin. Students must receive a minimum of 45 hours of classroom instruction, which may be supplemented by field experiences. Students must study in a program approved by the chair of the Department of World Languages, Literatures, and Cultures. CHIN 2340 cannot be counted toward the minor in Chinese, nor can it be used to fulfill the three credit hours required at the intermediate level for the B.A. foreign language requirement. Prerequisite: CHIN 1420. On demand.

3300 ADVANCED CHINESE GRAMMAR I This course is designed for students who have completed two years of college-level Chinese and are ready to move on from the intermediate-mid to intermediate-high level. Students will learn how to communicate in broad and specific situational contexts with sophistication, while using complex grammar and rhetorical expressions. By the end of the class, students should be able to comprehend Chinese used in various contexts, to write short memos, and to discuss subject-oriented issues. Prequisite: CHIN 2320 or consent of chair. Offered every fall.

3303 ADVANCED CHINESE GRAMMAR II This course is designed for students who have completed five semesters of college-level Chinese and are ready to move on from the intermediate-high to advanced level. It will refine and synthesize students' previous knowledge of Chinese grammar and vocabulary by focusing on communicative functions. By the end of this class, students should be able to comprehend Chinese used in various contexts, to write short essays, and to discuss subject-oriented issues. Prerequisite: CHIN 3300 or consent of chair. Offered every spring.

3312 CULTURE AND SOCIETY: ADVANCED READINGS ON MODERN CHINA An introduction to modern China, CHIN 3312 is designed for students who have completed five semesters of college-level Chinese and are ready to work at the intermediate-high to advanced level. Topics for discussion are drawn from newspaper articles and other media sources on social-cultural issues in China. By the end of the year, students should be able to comprehend Chinese used in various contexts, to write short essays, and to discuss subject-oriented issues. Prerequisite: CHIN 3300 or consent of chair. Offered every fall.

3320 ADVANCED READINGS IN CHINESE LITERATURE An introduction to modern Chinese writers and their works from 1919 to the present. Students will lea to read essays, poems, and short stories written in modern Mandarin Chinese. Through reading the literary works, the students will gain a general knowledge o modern Chinese society and culture. Prerequisite: CHIN 3300 or consent of chair. Offered every spring.

Biology

Undergraduate Bulletin
Document Number 4.06.02

Return to Biology

[1] Courses in Biology (BIOL)

1100 BIOLOGY LABORATORY FOR GENERAL EDUCATION A general education course. These laboratory exercises introduce students to the structure and function of cells, organisms, and communities. Laboratory only. This course cannot be used to fulfill the Biology major requirements. Prerequisite: Transfer cred for 3 semester hours of introductory biology lecture, or the equivalent, and permission of Department Chair. Fall, spring, summer.

1120 INTRODUCTORY BIOLOGY SEMINAR This elective course counts toward the BS degree, but not as a biology elective. The course introduces the field of biological science by discussion and investigation of selected topics. Emphasis is placed on the diversity of career opportunities in biology and biology's relationships to allied sciences. Fall, Spring

1305 INTRODUCTION TO ANATOMY & PHYSIOLOGY This course provides an introduction to human anatomy and physiology. Lecture only. This course cann be used to fulfill the Biology major requirements. No prerequisites. Fall, spring semesters.

1400 BIOLOGY FOR GENERAL EDUCATION A general education course. This course introduces students to the structure and function of cells, organisms, and communities. Sections emphasizing human biology are recommended for students preparing for careers in the health sciences. Sections emphasizing environmental biology are most appropriate for students interested in developing a scientific perspective on current environmental issues. Sections emphasizing core concepts will equip students with diverse interests and aspirations to understand the big ideas that are central to the scientific study of life. Completion of any of the described sections will fulfill the general education requirement in Biology and any prerequisite requirements for subsequent courses that require BIO 1400. Lecture and laboratory. This course cannot be used to fulfill the Biology major requirements. Fall, spring, summer.

1440 PRINCIPLES OF BIOLOGY I A core course for majors. This course introduces students to the molecular and cellular basis of structure and function of organisms. Lecture and laboratory. Prerequisites: High school chemistry or CHEM 1301 (or above) and a composite ACT score of 21 or higher OR BIOL 1400 an CHEM 1301 (or above) both with a grade of C or higher. Students not meeting the prerequisite requirements must have permission of the Biology Department Chair prior to enrollment. Fall, spring, summer.

1441 PRINCIPLES OF BIOLOGY II A core course for majors. This course introduces students to the evolution, diversity, anatomy, physiology, ecology, and behavior of organisms. Lecture and laboratory. Prerequisite: BIOL 1440 (C or better). Fall, spring, summer.

2405 HUMAN ANATOMY AND PHYSIOLOGY A course primarily for health science majors. This course involves systematic study of body structure and function with an emphasis on homeostasis in the human body as a whole. Lecture and laboratory. This course cannot be used to fulfill the Biology major requirements. Prerequisite: BIOL 1400 or 1440. Not open to those who have passed BIOL 2407. Fall, spring, summer.

2406 STRUCTURE AND FUNCTION OF THE HUMAN BODY I A course primarily for health science majors. This course involves a study of structure-function relationships in the skeletal, muscular, nervous, and integumentary systems. Lecture and laboratory. This course cannot be used to fulfill the Biology major requirements. Prerequisites: BIOL 1400 or 1440 and CHEM 1402 or 1450. Fall, spring, summer.

2407 STRUCTURE AND FUNCTION OF THE HUMAN BODY II A course primarily for health science majors. This course is a continuation of BIOL 2406 and cove the endocrine, cardiovascular, respiratory, digestive, excretory, and reproductive systems. Laboratory emphasis on physiologic testing of students. Lecture and laboratory. This course cannot be used to fulfill the Biology major requirements. Prerequisite: BIOL 2406 (C or better). Fall, spring, summer.

2411 MICROBIOLOGY IN HUMAN AFFAIRS A course primarily for health science majors. This course introduces basic concepts of bacteriology, virology, immunology, pathogenic microbiology, and food microbiology. Lecture and laboratory. This course cannot be used to fulfill the Biology major requirements. Prerequisite: BIOL 1400 or 1440. Fall, spring, summer.

2420 HISTOLOGY FOR HEALTH SCIENCES A course primarily for health sciences majors. This course provides an introduction to the structure and function of tissues and explores how tissues contribute to the normal function of an organism. This course cannot be used to fulfill the Biology major requirements. Prerequisites: BIOL 1440. Fall, summer.

2490 GENETICS A core course for majors. This course introduces students to the basic concepts of heredity and natural variation, including elements of classic molecular, and population genetics. Lecture and laboratory. Prerequisite: BIOL 1441(C or better). Fall, spring, summer.

3185, 3285, 3385, 4185, 4285, 4385 UNDERGRADUATE RESEARCH This course provides research experiences under faculty supervision designed to supplement regularly organized courses in biology. Prerequisite: consent of advisor and Department. Up to four semester hours may count as biology elective

credit with approval of department. On demand.

3190 ECONOMIC BOTANY LABORATORY An elective course for biology majors. This is a lab course that gives students hands-on experience in lecture topics covered in BIOL 3390 (Economics Botany) and will include both laboratory work and field trips to relevant sites in the conway area. Prerequisite or co-requisite: BIOL 3390. On demand.

3305 MOLECULAR BIOLOGY: TECHNIQUES AND CONTROVERSIES This course will introduce students to molecular biology as a method of scientific inquiry. In addition to learning basic techniques for manipulation and analysis of nucleic acids, primary literature will be read and critically evaluated. Impacts of these technologies in a wider context will also be discussed. Prerequisite: 2490. Spring only.

3360 INTRODUCTION TO MARINE BIOLOGY An elective course for biology majors. This course provides an introduction to the marine environment as habitat, to the biota of various marine communities, and to human impacts such as over-harvesting and pollution. Lecture only. Prerequisites: BIOL 2490 (C or better), CHEM 1451, and PHYS 1410. Fall.

3370 INTRODUCTION TO NEUROSCIENCE A course primarily for health science majors. This course examines the relationship between the human nervous system and behavioral output, including organizational features, sensory transduction, control of movement, and the circuits involved with emotions and ration thought. Lecture only. This course cannot be used to fulfill the Biology major requirements. Prerequisites: BIOL 2405 or 2406, and CHEM 1402 or 1450, or permission of instructor. Fall, spring.

3380 BIOLOGY OF HIV/AIDS An elective course for biology majors. This course involves comprehensive study of HIV origins, cellular transmission mechanisms biochemistry, immunology, opportunistic diseases, testing, treatments, vaccines, and animal models. Lecture only. Prerequisites: BIOL 2490 (C or better). On demand.

3390 ECONOMIC BOTANY An elective course for biology majors. This course addresses the impact that plants have on modern society, and includes discussio of major food crops, plants used for paper and wood, medicinal plants, and the role of plant biotechnology in crop improvement. Lecture only. Prerequisite: BIO 2490 (C or better). On demand.

3402 CELL BIOLOGY A core course for majors. This course examines cell structure and function with an emphasis on bioenergetics, protein structure and function, and delivery of proteins to the various organelles found in eukaryotic cells. Lecture and laboratory. Prerequisites: BIOL 2490 (C or better), MATH 1390 or above, CHEM 2401, PHYS 1410. Fall, spring, summer.

3403 GENERAL ECOLOGY A core course for biology majors. This course examines interactions between organisms and their environment. Includes one Saturda field trip. Lecture and laboratory. Prerequisites: BIOL 1441 (C or better) and MATH 2311. Fall, spring.

3410 VERTEBRATE ZOOLOGY An elective course for biology majors. This course surveys the classification, functional morphology, and natural history of the vertebrate animals. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Fall.

3420 GENERAL MICROBIOLOGY An elective course for biology majors. This course involves basic concepts of bacteriology, virology, molecular biology, immunology, and pathogenic microbiology. Open only to biology majors unless instructor's permission obtained. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better) or instructor permission. Fall, spring.

4100 FIELD STUDIES IN BIOLOGY This course is designed to broaden the student's field experience beyond that obtained in regular courses through concentrated first-hand observations of plants, animals, and their environments. On demand.

4205 CONSERVATION EDUCATION Grounded in place-based teaching and using the environment as a context for learning. The course will provide students with activities, lesson plans, and resources in four nationally recognized conservation education curriculum: Project WET, Project WILD, Project Learning Tree, an Leopold Education Project. Upon completion the student will be a certified educator and receive a certification document for each curriculum. This course is designed for undergraduates majoring in Biology and Environmental Science, for graduate students in Biology and Science Education, and for classroom and non classroom educators seeking ADE professional development credit. The course meets three times over a semester on Friday evenings and Saturdays for training and will conclude with a youth teaching experience. Fall or spring semester.

4250 SCANNING ELECTRON MICROSCOPY AND MICROANALYSIS An elective course for biology majors. This course covers the theory and practice of scanning electron microscopy and X-ray microanalysis, and provides training in sample preparation, examination and analysis, and imaging. Students will complete independent projects. Prerequisites: BIOL 2490 (C or better), PHYS 1420 or 1422, and permission of instructor. On demand.

4311 PATHOPHYSIOLOGY A course primarily for health science majors. This course involves discussion of disruptions in normal physiology, including the alterations, derangements, and mechanisms involved in these disruptions and how they manifest themselves as signs, symptoms, and laboratory findings. Lecture only. Prerequisites: BIOL 2405 or 2407 or 4460, or consent of instructor. Spring, summer.

4320 NEURODEVELOPMENT AND PATHOLOGY An elective course for biology majors. This course examines current issues in neurobiology with emphasis on disorders and development of the mammalian central nervous system. Lecture only. Prerequisite: BIOL 2490 (C or better). On demand.

4330 PRINCIPLES OF THE CARDIOVASCULAR SYSTEM This elective course will analyze the cardiovascular system based upon its two principal parts: (1) the primary "pump" for blood flow, the heart, and (2) the conduit for blood flow, the blood vessels. Students will gain an understanding of the cardiovascular system by analyzing the heart anatomy and function, how blood flows through the blood vessels, and the impact of the nervous system on cardiovascular function. Students will utilize the historical primary literature as a foundation for current experimental ideas. Thus, students will have to analyze, interpret, and discuss historical and up-to-date primary literature. Prerequisite: "C or better" in BIOL 3402. Once a year.

4340 IMMUNOLOGY An elective course for biology majors. This course covers cellular and molecular aspects of immunity, clinical immunology techniques, immune diseases and disorders, and the role of the immune system during infection and cancer. Lecture and laboratory. Prerequisites: BIOL 3402 (C or better) o 4420. On demand.

4351 GENERAL PHARMACOLOGY A course primarily for health science majors. This course examines how the body handles drugs, and the effects of the vario classes of drugs on body systems, including sites and mechanisms of action, therapeutic and side effects, and toxicology. Lecture only. Prerequisite: BIOL 2405 or 2407 or 4460. Fall.

4360 ENDOCRINOLOGY An elective course for biology majors. This course involves study of the structure and function of endocrine tissues of vertebrates in regard to growth, puberty, reproduction, metabolism, and stress. Hormonal mechanisms of action are emphasized. Lecture only. Prerequisite: BIOL 3402 (C or better). On demand.

4390, 4490 SPECIAL TOPICS IN BIOLOGY This course examines diverse subjects that would otherwise be unavailable through traditional course offerings. Topics will vary each semester. On demand.

4400 HISTOLOGY An elective course for biology majors. This course surveys the microscopic anatomy of the vertebrate body. Lecture and laboratory. Prerequisite: BIOL 3402 (C or better). Fall.

4401 INVERTEBRATE ZOOLOGY An elective course for biology majors. This course surveys the classification, functional morphology, and natural history of the invertebrate animals. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Spring.

4404 PLANT TAXONOMY An elective course for biology majors. This course involves the identification, nomenclature, and classification of vascular plants, dealing mainly with Arkansas flora. Laboratory exercises have strong field orientation. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Fall.

4405 DEVELOPMENTAL BIOLOGY An elective course for biology majors. This course will study the procedures by which organisms grow and develop. Specifically, the course will focus on control of cell growth, differentiation, and morphogenesis in animal and plant systems at the morphological, genetic, cellul and who organism levels. Prerequisites: 2490 (C or better) and 3402 (C or better). On demand.

4406 MAMMALOGY An elective course for biology majors. Biology of mammals. Topics covered include systematics, classification, evolution, physiological and behavioral adaptive strategies, conservation, and economic importance. Integrated lab introduces students to Arkansas mammal identification and distribution, and to field study techniques and museum preservation and curation. Required BIOL 2490 (C grade or better), recommended BIOL 3403, and/or BIOL 3410, and/or BIOL 3415. Offered every other fall.

4407 ORNITHOLOGY An elective course for biology majors. The study of birds. Topics covered include classification, identification, evolution, physiological and behavioral adaptive strategies, conservation, management, and economic importance of birds, with an emphasis on North American avifauna. Integrated lab introduces students to Arkansas and regional / eastern-central U.S. bird identification and distribution, and to field study techniques and museum preservation and curation. Required BIOL 2490, (C grade or better), recommended BIOL 3403, and/or BIOL 3410, and/or BIOL 3415. Offered every other spring.

4410 BIOLOGY OF LOWER PLANTS AND FUNGI An elective course for biology majors. This field biology course examines mosses, ferns, algae, and fungi as th are found in natural habitats. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Spring, alternate years.

4415 EVOLUTION An elective course for biology majors. This course introduces biological evolution from the Darwinian and Neo-Darwinian perspectives and emphasizes mechanisms of evolutionary change and an overview of the history of life on earth. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Fa spring.

4418 BIOLOGY OF THE REPTILIA An elective course for biology majors. This course examines the biology, reproduction, ecology, and conservation biology of reptiles. Laboratory exercises emphasize species identification, field techniques, as well as population and community analysis. Lecture and laboratory. Prerequisites: BIOL 3403 and BIOL 2490 (C or better). Spring, summer.

4425 EXPERIMENTAL NEUROBIOLOGY An elective course for biology majors. This course introduces students to the structure and function of invertebrate and vertebrate nervous systems. Laboratory exercises involving invertebrates present techniques for studying nervous system function and research design. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better), CHEM 1402 or 1450, PHYS 1420. Fall.

4428 ANIMAL PHYSIOLOGICAL ECOLOGY An elective course for biology majors. This course examines the various physiological adaptations that animals use t cope with environmental stress. Lecture and laboratory. Prerequisites: BIOL 3403 and BIOL 2490 (C or better). Fall.

4430 COMPARATIVE VERTEBRATE ANATOMY An elective course for biology majors. This course examines the comparative gross anatomy of vertebrates. Laboratory work includes dissection of the dogfish shark, *Necturus*, and cat. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Spring.

4435 ANIMAL BEHAVIOR An elective course for biology majors. This course analyzes animal behavior from an ecological and evolutionary perspective. Lecture and laboratory. Prerequisites: BIOL 2490 (C or better) and CHEM 1451. Pre- or corequisite: MATH 2311. On demand.

4440 ENTOMOLOGY An elective course for biology majors. This course involves study of the classification, evolution, anatomy, physiology, behavior, and ecolo of insects. The course also explores how insects affect our lives and how harmful insects are controlled. Prerequisite: BIOL 2490 (C or better). On demand.

4442 RESTORATION ECOLOGY: PRINCIPLES AND APPLICATION An elective course for biology majors. The course focuses on the ecological principles used in ecosystem restorations, the application of restoration to different ecosystems, and the evaluation of actual restorations in both terrestrial and aquatic ecosystem Lecture and laboratory. Prerequisite: BIOL 3403 (C or better). Fall alternate years.

4445 BIOMETRY An elective course for biology majors. This course involves applied biological statistics with an emphasis on experimental design and data analysis. Lecture and laboratory. Prerequisites: BIOL 2490 (C or better) and MATH 2311. On demand.

4450 PLANT ECOPHYSIOLOGY An elective course for biology majors. This course involves the study of the effects of environment on plant growth, distribution and plant adaptation. Lecture and laboratory. Prerequisite: BIOL 1441 (C or better), MATH 2411 (or equivalent statistics course). Fall, alternate years.

4455 ICHTHYOLOGY - THE BIOLOGY OF FISHES An elective for both Biology and Environmental Science majors. Ichthyology is the study of fishes. In this course we will examine diversity, ecology, life history, and physiology of fishes as well as aspects of fisheries management. Fishes comprise more than half of a known living vertebrates, are found in almost every conceivable aquatic habitat and exhibit an enormous array of life history and ecological adaptations. They are also important indicators of environmental quality. This course will emphasize the biology and ecology of fishes in lecture and use a systematic approach to study the taxonomic identification of fishes in lab, stressing identification of southeastern freshwater fishes. Students will also become familiar with various sampling techniques in the field. Prerequisite: BIOL 2490 (C or better). Spring.

4460 ANIMAL PHYSIOLOGY An elective course for biology majors. This course examines the function of the organ systems in vertebrate and invertebrate animals. Laboratory work includes collection and analysis of data using living material. Lecture and laboratory. Prerequisite: BIOL 3402 (C or better). Spring.

4465 ENVIRONMENTAL TOXICOLOGY provides an introduction to the fate, toxicity, and effects of contaminants in ecological systems. This course will focus o the impacts of toxic substances on ecological structures across various levels of biological organization, from individuals to the community and ecosystem leve Students will receive a basic knowledge of both short- and long-term effects of pollution on aquatic and terrestrial organisms and environments. Upon completion of the course, students will have an understanding of the properties and behavior of major classes of chemicals, toxicity testing procedures, concep and application of ecological risk assessment for regulation, and current issues in the field. Prerequisites: CHEM 1451; MATH 2311, PSCI 3312 OR PSYC 2330; BIOL 2490, or permission of instructor. Fall.

4461 PARASITOLOGY An elective course for biology majors. This course introduces students to the taxonomy, morphology, ecology, and life cycles of animal parasites. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). On demand.

4470 BIOLOGY OF SEED PLANTS An elective course for biology majors. This course involves study of the adaptations that have made seed plants the most successful plants in the biosphere. Laboratory exercises have strong field orientation. Lecture and laboratory. Prerequisite: BIOL 2490 (C or better). Spring, alternate years.

4475 ADVANCED CELL BIOLOGY This course will explore advanced concepts in cell function and cell communication by introducing topics including, but not limited to, cytoskelatal function, the extracellular matrix, apoptosis, cell division, and motility. This course emphasizes the molecular basis of cellular function and communication through the study of how these processes are intimately interconnected and how they relate to the overall function of both unicellular and multicellular eukaryotic organisms. Lecture and laboratory. Prerequisite: BIOL 3402 (C or better). Spring.

4480 HISTORY OF LIFE An elective course for biology majors. This course is an introduction to paleobiology, the study of the Earth's life as preserved in the fossil record. Topics will include the fundamentals of historical geology, geologic dating and correlation, the major groups of animals, plants, and microorganisms at different periods in the past, the reconstruction of past environments, and the use of fossil and geological evidence in studying environment change. Lecture and laboratory. Offered alternate fall semesters.

4530 EXPERIMENTAL MOLECULAR BIOLOGY An elective course for biology majors. This course introduces students to the molecular biology of nucleic acids with an emphasis on biotechnology and genetic engineering. The laboratory experience is a major component of this course. Lecture and laboratory. Prerequisit BIOL 3402 (C or better) or CHEM 4320 and CHEM 4121. Spring, alternate years.

3145, 3245, 3345, 3445 INTERNSHIP IN BIOLOGY An elective course for biology majors who have completed 60 hours of course work with a GPA of a least 2. An internship is an opportunity to apply classroom experience in biology to an employment situation. Internships are normally limited to one semester. Up to 4 hours of biology elective credit may be satisfied by an internship experience, with approval of the Internship committee. Prerequisites: Approval of the

Department and selection by sponsor.

3150, 4155 INDEPENDENT STUDY Individual work under Biology faculty supervision, not normally involving laboratory or field research. This course is designe to supplement regularly organized courses in biology and may serve as an introduction to biological literature review. Course(s) may be credited towards biolog elective credit requirements if approved by the Independent Study Committee. Prerequisite: Prior consent of faculty supervisor, academic advisor, and Departme Chairperson. Fall, spring, summer.

Courses at the Gulf Coast Research Laboratory

University College

Return to University College

[1] University College Courses (UNIV)

1100 UNIVERSITY STUDIES This course is designed to aid students in being successful at a collegiate level as well as in their personal lives. There are two primary goals: (1) Empower students to become successful learners at the collegiate level. (2) Empower students to develop a realistic sense of themselves as healthy citizens in a university, professional, public and global community. Requirements: This course is required for all University College students regardless o ACT score during their first enrollment period and during each subsequent enrollment period until they earn a course grade of C or higher. This course is also required for any UCA student who is enrolled in a transitional reading and/or writing course and must be completed with a C grade or higher. The grade in thi course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Fall, Spring, Summer.

1300 TRANSITIONAL WRITING An introduction to the skills needed in college-level writing. Entering students with an ACT score below 19 in English are required to register for this course during their first enrollment period and during each subsequent enrollment period until they earn a course grade of C or higher. The grade in this course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Fal Spring.

1330 BEGINNING ALGEBRA This course introduces students to fundamental algebraic concepts in preparation for Intermediate Algebra. Concepts covered include word problems, fractions, graphing, linear equations and inequalities, factoring, operations with real numbers, and polynomials. Lecture and activity based instruction. Entering students with an ACT score below 19 in Math are required to register for this course or UNIV 1340 Intermediate Algebra during the first enrollment period. Once enrolled, students must enroll in UNIV 1330 during each subsequent enrollment period until they earn a course grade of C or higher, after which they must enroll in UNIV 1340 the following semester. Students enrolling in this course may have only three total attempts between this course and UNIV 1340 to complete their remediation requirements in Math. The grade in this course will not be used to compute semester and cumulative grad point averages. The course does not count toward any degree. Fall, Spring, Summer.

1340 INTERMEDIATE ALGEBRA This course introduces students to fundamental processes: functions, graphing, linear equations and inequalities, quadratic equations, factoring, operations with real numbers, polynomials, rational expressions, and radicals. Lecture and activity based instruction. Entering students wit an ACT score below 19 in Math are required to register for this course or a UNIV 1330 Beginning Algebra course during their first enrollment period and must enroll in UNIV 1340 during each subsequent enrollment period until they earn a course grade of C or higher. Students may have only three total attempts to complete their remediation requirements in Math. The grade in this course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Fall, Spring, Summer.

1500 FUNDAMENTALS OF COLLEGE LITERACY: READING, REASONING, AND WRITING An introduction to the strategies needed in college-level reading and writing. Entering students with an ACT subscore below 19 (or equivalent placement score) in Reading or an ACT subscore below 16 (or equivalent) in Writing a required to register for this course during their first enrollment period and during each subsequent enrollment period until they earn a course grade of "C" or higher. The grade in this course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Offered in Fall, Spring, and Summer.

Physics General (PHYS)

Return to Physics and Astronomy

1400 PHYSICAL SCIENCE FOR GENERAL EDUCATION Part of the general education program. Introduces the student to the principles of elementary physics, chemistry, and astronomy. Lecture and laboratory. Fall, spring, summer.

1401 DESCRIPTIVE ASTRONOMY Part of the general education program. An introduction to the changing appearance of the night sky, to the solar system, and to the stars. Lecture and laboratory. Fall, spring, summer.

1405 APPLIED PHYSICS For health science students. Introduces the student to forces, energy, fluids, sound, heat, light, electricity, and radioactivity, with applications to the health sciences. (Not open to students who have completed PHYS 1410 or 1441 unless specifically required for major. May not be applied toward a major or minor together with
PHYS 1410, 1420, 1441, or 1442.) Lecture and laboratory. Prerequisite: High school or college algebra. Spring.

1410 COLLEGE PHYSICS 1 For biology, health science, pre-medical, pre-dental, and other students needing a basic introduction to physics. Forms a two-semester sequence with College Physics 2. Introduces the student to mechanics (kinematics, force, work, energy, momentum, rotational motion, elasticity), fluid heat, and thermodynamics, mechanical waves, and sound. Lecture and laboratory. Prerequisite: High school trigonometry and grade of C or better in MATH 139 or equivalent. Fall, spring, summer.

1420 COLLEGE PHYSICS 2 Continuation of College Physics 1. Introduces the student to electricity, magnetism, light, and selected topics in modern physics. Lecture and laboratory. Prerequisite: PHYS 1410. Fall, spring, summer.

2311 STATICS For pre-engineering students. A study of stresses, strains, and equilibrium in a plane and in space; analysis of structures, friction, centroids, and moments of inertia. Problem oriented with applications emphasized.Lecture. Prerequisite: PHYS 1441. Co- or prerequisite: MATH 1592.

2411 COLLEGE ASTRONOMY A lower division elective intended for science majors and minors. An introduction to astronomy, including light and other radiatio celestial mechanics, stellar structure and evolution, galaxies, and cosmology. Lecture and Laboratory. Prerequisites: High school trigonometry and a grade of C better in MATH
1390 or equivalent. Spring.

2421 OBSERVATIONAL ASTRONOMY A lower-division elective. Field work with telescopes and other equipment; methods for making celestial observations. Prerequisite: PHYS 1401 or 2411.

4301 CONCEPTS OF PHYSICAL SCIENCE 1 For elementary, junior-high, and high school teachers. Forms a two-semester sequence with Concepts of Physical Science 2. Introduces the student to the basic concepts of physical science. Laboratory format. Prerequisite: Consent of instructor.

4302 CONCEPTS OF PHYSICAL SCIENCE 2 Continuation of PHYS 4301. Laboratory format. Prerequisite: Consent of instructor.

Physics - Courses for Departmental Majors (PHYS)

Return to Physics and Astronomy

1100 PROJECTS IN PHYSICS A lower-division elective. Introductory physics projects involving laboratory work, library research, and/or problem solving. Writte reports and oral presentations may be required. Prerequisite: Consent of department. Fall, spring, summer.

1441 UNIVERSITY PHYSICS 1 Part of the major core. Forms a three-semester calculus-based survey of physics sequence with University Physics 2 and 3. Introduction to mechanics. Lecture and laboratory. Pre- or corequisite: MATH 1591. Fall, spring.

1442 UNIVERSITY PHYSICS 2 Part of the major core. Continuation of PHYS 1441. Introduction to waves, thermodynamics, and electromagnetism. Lecture and laboratory. Prerequisite: PHYS 1441. Pre- or corequisite: MATH 1592. Fall, spring.

2430 COLLEGE PHYSICS 3 For physics majors with a College Physics background. Continuation of PHYS 1420. Introduction to wave optics, the special theory o relativity, the foundations of quantum theory with examples and applications, atomic structure, and subatomic physics. Lecture and laboratory. Prerequisite: PH 1420; pre- or corequisite: MATH 1592.

2443 UNIVERSITY PHYSICS 3 Part of the major core. Continuation of PHYS 1442. Introduction to optics, the special theory of relativity, the foundations of quantum theory with examples and applications, atomic structure, and subatomic physics. Lecture and laboratory. Prerequisite: PHYS 1442; pre- or corequisite: MATH 2371. Fall.

3110 JUNIOR LABORATORY 1 Part of the major core. A laboratory course that includes, but is not confined to, experiments related to upper-division physics courses such as Mechanics, Electromagnetism, and Optics. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisite: PHYS 2443 or 2430. Fall.

3120 JUNIOR LABORATORY 2 Part of the major core. A laboratory course that includes, but is not confined to, experiments related to upper-division physics courses such as Mechanics, Electromagnetism, and Optics. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisite: PHYS 2443 or 2430. Spring.

3341 MATHEMATICAL METHODS IN PHYSICS A study of vector calculus, matrices, complex variables, series solutions to differential equations, special functions, and other areas of mathematics that are important for physics. Emphasis in all areas is placed on problems encountered in physics and their solution Lecture. Prerequisites: PHYS 1442 or 1420 and MATH 2371, 3320. Spring.

3342 MECHANICS General principles of classical mechanics with an introduction to Hamilton's principle, Lagrange's equation, and the Hamilton-Jacobi equation Lecture. Prerequisites: PHYS 1441 or 1410 and MATH 2371, 3331. Fall.

3343 THERMAL PHYSICS The fundamental principles of thermodynamics and statistical physics. Lecture. Prerequisites: PHYS 2443 or 2430 and MATH 2371. Spring.

3345 OPTICS A study of geometrical and physical optics. Topics include reflection, refraction, wave, equation, interference, diffraction, polarization, absorption and coherence. Lecture. Prerequisites: PHYS 2443 or 2430, and MATH 2371. On demand.

3353 QUANTUM THEORY 1 The physical foundation and mathematics of quantum theory; matrix and operator formalisms. Lecture. Prerequisites: PHYS 2443 o 2430, 3341. Fall.

3354 QUANTUM THEORY 2 Continuation of PHYS 3353. Approximation methods, perturbation theory, and applications to quantum systems. Lecture. Prerequisite: PHYS 3353. On demand.

3360 ELECTROMAGNETISM 1 The fundamental principles of electricity and magnetism are presented through the theory of fields. Electric and magnetic fields, their interaction with matter, and their behavior as expressed by Maxwell's equations are explored. Lecture. Prerequisites: PHYS 1442 or 1420 and MATH 2371. Fall.

3361 ELECTROMAGNETISM 2 Continuation of PHYS 3360. Propagation, reflection, refraction, and radiation of electromagnetic waves. Lecture. Prerequisite: PHY 3360. Spring.

4110 SENIOR LABORATORY Part of the major core. A laboratory course that offers diverse laboratory experiences that are more specialized than those of Junio Laboratory. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisites: PHYS 3110, 3120. Fall, spring.

4250 SCANNING ELECTRON MICROSCOPY AND MICROANALYSIS An elective course for biology and physics majors. Theory and practice of scanning electron microscopy and X-ray microanalysis, with training in sample preparation, examination and analysis, and imaging. Students will complete independent research

projects. Prerequisites: PHYS 1420 or 1442, and permission of instructor. On demand.

4341 ADVANCED MATHEMATICAL PHYSICS Tensor analysis, integral transforms, solutions to non-linear differential equations, introduction to chaos, and oth special topics in mathematical physics. Lecture. Prerequisite: PHYS 3341. On demand.

4350 TOPICS IN THEORETICAL PHYSICS Content will vary, depending on interests of faculty and students. Examples: acoustics, astrophysics, atomic physics, condensed matter, cosmology, elementary particles, fluid mechanics, nuclear physics. May be repeated with different content. Lecture. Prerequisite: Consent of instructor.

4351 COMPUTATIONAL PHYSICS An introduction to computational techniques of solving physics problems. Lecture. Prerequisite: Consent of instructor.

4360 PHYSICS FOR SECONDARY TEACHERS Introduction to secondary-level teaching materials and laboratory techniques. Integrated lecture, discussion, workshop, laboratory format. Prerequisite: Consent of instructor.

4380 INTERNSHIP IN APPLIED PHYSICS An internship consisting of approximately 300 hours of industrial employments in which the student applies the methods of physics to real-world situations. May be repeated. Prerequisites: PHYS 3110 or 3120, GPA in major of 2.5 or better, consent of department.

4103, 4203, 4303 SPECIAL PROBLEMS IN PHYSICS May consist of problem solving, library research, and/or laboratory work. Student may register for 1 to 4 hours each semester. May be repeated with change of content. Fall, spring, summer.

4104, 4204, 4304 SPECIAL PROBLEMS IN ASTRONOMY May consist of problem solving, library research, and/or laboratory work. Student may register for 1 t 4 hours each semester. May be repeated with change of content. Fall, spring, summer.

Science Education

Undergraduate Bulletin
Document Number 4.06.07

Return to Science Education

[1] Courses in Science Education (SCI)

3410 EARTH SCIENCE A required course for the middle level and secondary science education programs, but may be taken as an elective by other students. Th course involves study of descriptive geology, historical geology, and earth systems and processes. Lecture and laboratory. Prerequisites: BIOL 1400, PHYS 1400. Fall.

3420 ADVANCED SCIENCE CONCEPTS I A required course for the middle level mathematics/science degree. This course will facilitate active discovery learning that leads to the construction of new knowledge and the formation of scientific concepts for accurately understanding and explaining the natural world. Lecture and laboratory. Prerequisites: BIOL 1400, PHYS 1400, CHEM 1400, SCI 3410. Spring.

3430 ESSENTIAL SCIENCE CONCEPTS A required course for the middle level language arts/social studies degree. This course will facilitate active discovery learning that leads to the construction of new knowledge and the formation of scientific concepts for accurately understanding and explaining our natural world Prerequisites: BIOL 1400 and PHYS 1400. Spring.

4400 SECONDARY SCIENCE METHODS AND MATERIALS A required course for the secondary science education program. This course reviews instructional methods, curricula, materials for secondary science classrooms, laboratories, and field trips, and teacher-devised evaluation instruments. Lecture and laboratory Prerequisites: Admission to Teacher Education. Fall.

4410 CONCEPTS OF SCIENCE A required course for the early childhood education program. This course focuses on the development of science content knowledge that is emphasized in early childhood curricula. The course will address and facilitate active discovery learning leading to the construction of new knowledge and the formation of scientific concepts for accurately understanding and explaining the natural world. Lecture and laboratory. Prerequisites: Admission to Teacher Education, BIOL 1400, PHYS 1400. Fall, spring.

4414 CONCEPTS OF MATHEMATICS AND SCIENCE A study of methods used in teaching integrated mathematics and science in middle schools. The course includes basic models, strategies, and skills for teaching. This course is required for professional Block III of the middle level mathematics and science teacher education program and emphasizes methods that actively engage students in learning. Course goals will be accomplished through the use of demonstrations, discussion, and field experiences. Prerequisite: MATH 3351 and SCI 3420 and admission to Middle Level Teacher Education. Required Corequisite: MSIT 4411. Fall.

4420 ADVANCED SCIENCE CONCEPTS II A required course for the middle level mathematics/science degree. An extension of the active discovery learning in S 3420 to additional areas of natural science. Lecture and laboratory. Prerequisites: SCI 3420. Fall.

4190 INTERNSHIP I A required course for secondary level preservice teachers. This practicum-style course combines the study of discipline-specific teaching methods and materials with the study of secondary school curriculum. A field experience in a secondary school classroom is a component of the course. Prerequisites: Senior status, admission to Teacher Education. Fall.

4680 INTERNSHIP II A required course for secondary level preservice teachers. The primary goal is to provide teaching experience under supervision in a schoo setting. The secondary goal is to gain experience presenting environmental science content in the classroom. Full-day involvement at the school and in seminar is required. Prerequisites: Completion of all other courses in the BSE program. SCI 4400, SCI 4190. Corequisite: SCI 4681. Spring.

4681 INTERNSHIP II A required course for secondary level preservice teachers. The primary goal is to provide teaching experience under supervision in a schoo setting. The secondary goal is to gain experience presenting physical geography content in the classroom. Full-day involvement at the school and in seminars i required. Prerequisites: Completion of all other courses in the BSE program. SCI 4400, SCI 4190. Corequisite: SCI 4680. Spring.

Environmental Science

Undergraduate Bulletin
Document Number 4.07.03

Return to Environmental Science.

[1] Courses in Environmental Science (ENVR)

3410 ENVIRONMENTAL THEORY AND APPLICATION A core course for environmental science majors, and an elective course for biology majors. This course provides an introduction to the environmental problems facing mankind, the scientific, economic, and social bases of these problems, potential solutions, and methodologies of environmental assessment. Prerequisites: BIOL 1441, CHEM 1451, and GEOG 1315 or SCI 3410. Spring.

4410 ENVIRONMENTAL PRACTICUM A core course for environmental science majors. This course involves supervised research on environmental problems usin modern field collection techniques and methods of data analysis and interpretation. This course requires cooperative research with other students to fully investigate an environmental topic. Prerequisites: Junior standing (or higher) and ENVR 3410. Fall.

4465 ENVIRONMENTAL TOXICOLOGY provides an introduction to the fate, toxicity, and effects of contaminants in ecological systems. This course will focus o the impacts of toxic substances on ecological structures across various levels of biological organization, from individuals to the community and ecosystem leve Students will receive a basic knowledge of both short- and long-term effects of pollution on aquatic and terrestrial organisms and environments. Upon completion of the course, students will have an understanding of the properties and behavior of major classes of chemicals, toxicity testing procedures, concep and application of ecological risk assessment for regulation, and current issues in the field. Prerequisites: CHEM 1451; MATH 2311, PSCI 3312 OR PSYC 2330; BIOL 2490, or permission of instructor. Fall.

Intensive English Program

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Return to Intensive English Program.

[1] Intensive English Program Courses (IEP)

0310 LISTENING AND SPEAKING Focuses on the sound system of English, listening discrimination, and aural comprehension in various situations including academic class work. Practices listening and comprehensive note-taking strategies. Emphasizes pronunciation, intonation, conversational techniques, oral discussions, and informal and formal speeches. Meets 5 hours per week. Three levels. Prerequisite: Admission to IEP. On demand.

0320 GRAMMAR Focuses on irregular and regular verbs, appropriate use of tenses, complex and compound sentence formation, and parallelism and complementation in the context of speaking and writing. Meets 5 hours per week. Three levels. Prerequisite: Admission to IEP. On demand.

0330 READING Focuses on content comprehension, including recognition and analysis of main and supporting ideas, and vocabulary development. Highlights reading techniques, including skimming and scanning. Introduces differentiating fact from fiction, inferring meaning, and recognizing point of view, tone, symbolism, and abstractions. Emphasizes materials of all lengths, including technical and non-technical subjects. Meets 5 hours per week. Three levels. Prerequisite: Admission to IEP. On demand.

0340 WRITING Focuses on development of simple sentence, paragraph, multi-paragraph and multi-page themes, reports, and research papers. Emphasizes vocabulary, complex sentence patterns, transitions, and organizational patterns. Introduces journal writing, letter writing, and outlining. Meets 5 hours per wee Three levels. Prerequisite: Admission to IEP. On demand.

1105 EVERYDAY VOCABULARY BUILDING A one-credit IEP elective focusing on development of basis volcabulary through study of words in various categories everyday language, people, housing, food, clothing, health, community, transportation, areas of study, plants and animals, work, and recreation. Introduces common idioms and expressions and introduces students to basic dictionary use. Available to students in Levels 1 and 2. Fall, spring.

1110 U.S. CULTURE & HIGHER EDUCATION A one-credit IEP elective that aims to help international students adjust to U.S. culture and university life. Available to students in Level 3 and 4. Fall, spring.

1115 PRONUNCIATION 1 A one-credit IEP elective at the beginning to high-beginning levels that focuses on the recognition and pronunciation of English sounds. In addition to work on differentiating between similar and/or confusing sounds, students will have an opportunity to practice individual vowel and consonant sounds. Guidance on procedures and techniques will also be introduced on basic word stress, rhythm, and basic intonation. Fall, spring.

1116 PRONUNCIATION 2 A one-credit elective at the intermediate level that focuses on the recognition and pronunciation on the sound system of English. In addition to work on differentiating between similar and/or confusing sounds, students will have an opportunity to focus on personal difficult areas that interfer with the comprehension of the student's speech. Guidance will be provided on techniques to improve word stress, rhythm, articulation, pausing, and linking. Fa spring.

1117 PRONUNCIATION 3 A one-credit IEP elective at the high-intermediate level that focuses on the pronunciation of the English sound system. Students will have an opportunity to work on the vocal effects that extend over more than one sound segment in an utterance, such as pitch, stress, or juncture pattern. Guidance on procedures and techniques will also be provided in areas such as consonant clusters, word and sentence stress, intonation and articulation. Fall, spring.

1120 LEVEL 1 ACADEMIC VOCABULARY An IEP course at the beginning level, this course allows students to begin building academic vocabulary skills. Studen begin developing vocabulary from the General Service List and are introduced to the Academic Word List.

1121 LEVEL 2 ACADEMIC VOCABULARY An IEP course at the high-beginning/low-intermediate level, this course continues building academic vocabulary skills Students continue developing vocabulary from the General Service List and begin to focus on the Academic Word List.

1122 LEVEL 3 ACADEMIC VOCABULARY An IEP course at the intermediate level, this course continues building vocabulary skills. Students will continue developing vocabulary from the Academic Word List and the General Service List.

1123 LEVEL 4 ACADEMIC VOCABULARY An IEP course at the high-intermediate level, this course continues to build academic vocabulary knowledge. Students will continue developing vocabulary from the Academic Word List and demonstrate mastery of the General Service List.

1124 LEVEL 5 ACADEMIC VOCABULARY An IEP course at the advanced level, this course fine-tunes academic vocabulary skills in preparation for entering the university. Students will learn several strategies for increasing vocabulary, and they will continue developing vocabulary from the Academic Word List.

1125 COMPUTER LITERACY & RESEARCH SKILLS A one-credit IEP elective introducing computer and research skills needed for study in a U.S. university. Includes using email and Internet, keyboarding, word processing, doing research on the Internet, using computer graphics, using the library's online catalog an the Library of Congress system to locate books and periodicals, finding information in periodicals and on microforms, using reference and reserve materials in the library, and using classroom management software such as WebCT. Available to students in Levels 3 and 4. Fall, spring.

1160 COMPUTER LITERACY AND RESEARCH SKILLS ELECTIVE A one-credit IEP elective introducing computer and research skills needed for study in a U.S. university. Includes using email and Internet, keyboarding, word processing, doing research on the Internet, using computer graphics, using the library's online catalog and the Library of Congress system to locate books and periodicals, finding information in periodicals and on microfilms, using reference and reserve materials in the library, and using classroom management software such as WebCT. Available to students in Levels 3 and 4. Fall, spring.

1201 BASIC ENGLISH READING SKILLS A core IEP course at the low-beginning level, this course allows students to start building basic vocabulary and reading skills in preparation for taking IEP classes. Students begin developing vocabulary from the General Service List and focus on moving from reading short paragraphs to simple passages. Reading skills will focus on content comprehension and recognition of main ideas.

1202 BASIC ENGLISH WRITTEN EXPRESSION AND GRAMMAR A core IEP course at the low-beginning level, this course introduces students to the basic structures of English grammar and focuses on basic written expressions of English from the alphabet to simple sentence structure.

1205 LEVEL 1 ACADEMIC LISTENING AND SPEAKING A core IEP course at the beginning level, this course focuses on introducing communication and listening comprehension skills to non-native speakers of English. Class discussion, brief oral presentations, conversation techniques and strategies, and introductory note-taking skills are practiced and developed.

1206 LEVEL 2 ACADEMIC LISTENING AND SPEAKING A core IEP course at the high-beginning/low-intermediate level, this course focuses on communication and listening comprehension skills for non-native speakers of English at this level. Classroom discussion, brief oral presentations, conversation techniques and strategies, and note-taking skills are practiced and developed.

1207 LEVEL 3 ACADEMIC LISTENING AND SPEAKING A core IEP course at the intermediate level, this course focuses on communication and listening comprehension skills necessary for non-native speakers of English at this level. Class discussion, oral presentations, conversation techniques and strategies, an note-taking skills are practiced and developed.

1208 LEVEL 4 ACADEMIC LISTENING AND SPEAKING A core IEP course at the high-intermediate level, this course centers on the English proficiency that is needed in listening and speaking at this level. Development of skills needed for listening to lectures and for note-taking is a focus of the course as well as strategies required in class and small-group discussion. The course also puts emphasis on the planning, organization and techniques used in putting together and delivering oral presentations.

1209 LEVEL 5 ACADEMIC LISTENING AND SPEAKING A core IEP course at the advanced level, this course focuses on the proficiency needed in listening and speaking for the academic setting at the college level. Students develop note-taking techniques and strengthen critical thinking skills that include reconstructi and summarizing main ideas as well as transferring knowledge from lectures to other areas. Additionally, the course emphasizes oral communication skills through an understanding of strategies and knowledge of effective discourse as well as provides direction for students to plan, organize and deliver effective presentations.

1215 LEVEL 1 ACADEMIC READING A core IEP course at the beginning level, this course allows students to begin building academic reading skills. Reading skills addressed include content comprehension, recognition of main ideas, skimming and scanning.

1216 LEVEL 2 ACADEMIC READING A core IEP course at the high-beginning/low-intermediate level, this course continues building academic reading skills. Reading skills addressed include content comprehension, distinguishing between main ideas and specific details, skimming and scanning, previewing, predictin summarizing, and paraphrasing.

1217 LEVEL 3 ACADEMIC READING A core IEP course at the intermediate level, this course continues building academic reading skills. Reading skills addresse include content comprehension, distinguishing between main ideas and specific details, skimming and scanning, previewing, predicting, summarizing, paraphrasing, and drawing inferences. Students will learn several strategies for more fluent reading and improved test-taking.

1218 LEVEL 4 ACADEMIC READING A core IEP course at the high-intermediate level, this course centers on the English proficiency that is needed in listening and speaking at this level. Development of skills needed for listening to lectures and for note-taking is a focus of the course as well as strategies required in class and small-group discussion. The course also puts emphasis on the planning, organization and techniques used in putting together and delivering oral presentations.

1219 LEVEL 5 ACADEMIC READING A core IEP course at the advanced level, this course fine-tunes academic reading skills in preparation for entering the university. Reading skills addressed include content comprehension, distinguishing between main ideas and specific details, skimming and scanning, previewin predicting, summarizing, paraphrasing, drawing inferences, and identifying authors' point of view. Students will learn several strategies for reading more fluent and improving test-taking skills.

1225 LEVEL 1 ACADEMIC WRITING A core IEP course at the beginning level, this course introduces students to writing skills at the sentence and paragraph level.

1226 LEVEL 2 ACADEMIC WRITING A core IEP course at the high-beginning/low-intermediate level, this course focuses on writing clear sentences and paragraphs. In addition, students begin learning the basics of revising written work for content and editing for grammatical accuracy.

1227 LEVEL 3 ACADEMIC WRITING A core IEP course at the intermediate level, this course focuses on writing well-developed paragraphs with support. In addition, students will practice revising written work for content and editing for grammatical accuracy.

1228 LEVEL 4 ACADEMIC WRITING A core IEP course at the high-intermediate level, this course focuses on expanding students' writing skills. Students will continue to develop their use of the process method of writing to complete paragraphs and short essays in a variety of different organizational patterns.

1229 LEVEL 5 ACADEMIC WRITING A core IEP course at the advanced level, this course is designed to refine students' writing skills for the various tasks required at the university, including writing paragraphs, summaries, and essays. Students will plan and write essays, revise for improved content, and edit for grammatical correctness.

1235 LEVEL 1 ACADEMIC GRAMMAR A core IEP course at the beginning level, this course introduces students to the basic structures of English grammar focusing on basic verb tenses in English from simple present time through past time.

1236 LEVEL 2 ACADEMIC GRAMMAR A core IEP course at the high-beginning/low-intermediate level, this course continues to focus on basic English grammatical structures needed to communicate in oral and written forms focusing on verb tenses through future time.

1237 LEVEL 3 ACADEMIC GRAMMAR A core IEP course at the intermediate level, this course focuses on English grammatical structures needed to communicat in oral and written forms at this level.

1238 LEVEL 4 ACADEMIC GRAMMAR A core IEP course at the high-intermediate level, this course is designed to refine students' grammar skills. The focus of the grammar study will be on using the structures necessary for clear communication in both oral and written work at this level.

1250 SPECIAL TOPICS IN ENGLISH AS A SECOND LANGUAGE Students study special topics in English as a Second Language as determined by the needs of the international student population not enrolled full-time in the Intensive English Program. This course can be repeated. It is taught on demand only.

1239 LEVEL 5 ACADEMIC GRAMMAR A core IEP course at the advanced level, this course focuses on advanced English grammatical structures needed to speak write, and read at this level preparing the student to enter university classes.

1310 LEVEL 1 PRONUNCIATION, CONVERSATION, AND PUBLIC SPEAKING A core IEP course at the high beginning to low intermediate level. Focuses on basic communication in English, including the sound system of English, emphasizing production of discrete sounds and introducing rhythm, intonation, and stress. Students practice using practical English in everyday conversations and making short oral presentations. Prerequisite: Admission to IEP and placement in Level 1 Fall, spring.

1325 LEVEL 2 PRONUNCIATION, CONVERSATION, AND PUBLIC SPEAKING A core IEP course at the high-intermediate level, focusing on the sound system of English as well as rhythm, stress, reduction, and intonation. Emphasizes academic communication through classroom discussions, formal oral presentations, an conversational techniques and strategies. Prerequisite: Admission to IEP and placement in Level 2. Fall, spring.

1340 LEVEL 3 PRONUNCIATION, CONVERSATION, AND PUBLIC SPEAKING A core IEP course at the advanced level. Emphasizes academic communication through classroom discussions, debates, brief informal oral presentations, and longer presentations such as informative and persuasive speeches. Allows students to focus on individualized problems in pronunciation of American English and to work on accent reduction. Prerequisite: Admission to IEP and placeme in Level 3. Fall, spring.

1350 SPECIAL TOPICS IN ENGLISH AS A SECOND LANGUAGE Students study special topics in English as a Second Language as determined by the needs of the international student population not enrolled full-time in the Intensive English Program. This course can be repeated. It is taught on demand only.

1355 VOCABULARY BUILDING An IEP elective. Focuses on development of basic vocabulary through study of words in various categories: everyday language, people, housing, food, clothing, health, community, transportation, areas of study, plants and animals, work, and recreation. Develops students' vocabulary through the study of root words and affixes. Introduces common idioms and expressions. Prerequisite: Placement in Level 1 or 2. Fall, spring.

1360 U.S. CULTURAL STUDIES A three-credit IEP course for international students that focuses on American cultural values, customs, and traditions in the university setting and society. Includes work on speaking, reading, and writing. On demand only.

1365 TOEFL PREPARATION An IEP elective. Introduces students to the Test of English as a Foreign Language and provides practice with each section of the tes listening comprehension, structure and written expression, and reading comprehension. Practices various question types, test-taking strategies, and relaxation techniques to reduce test anxiety. Pre-requisite: Placement in Level 2 or above, or consent of IEP coordinator. Fall, spring.

1405 BASIC ENGLISH ORAL COMMUNICATION A core IEP course at the low-beginning level, this course focuses on the acquisition of survival speaking skills the development of basic listening comprehension, and the building of spoken vocabulary in order to prepare students to enter the first level of the Intensive English Program with the basic communication skills needed for campus and community interactions.

1620 LEVEL 1 ACADEMIC CLASSROOM SKILLS A core IEP course at the high beginning to low intermediate level, focusing on skills needed for university study reading, listening to and taking notes on teachers' lectures, and classroom discussion. Reading skills developed include content comprehension, recognition of main ideas, skimming and scanning a text, and vocabulary development. Prerequisite: Admission to IEP and placement in Level 1. Fall, spring.

1630 LEVEL 2 ACADEMIC CLASSROOM SKILLS A core IEP course at the high intermediate level, focusing on skills needed for university study: reading, listenin to and taking notes on teachers' lectures, and classroom discussion. Reading skills developed include content comprehension, recognition of main ideas vs. supporting details, skimming and scanning a text, making inferences, previewing, making predictions, summarizing and paraphrasing, vocabulary development and word form analysis. Prerequisite: Admission to IEP and placement in Level 2. Fall, spring.

1650 LEVEL 3 ACADEMIC CLASSROOM SKILLS A core IEP course at the advanced level, focusing on reading skills used in the academic setting as well as note-taking techniques and discussion strategies to prepare students for successful matriculation into the university. Prerequisite: Admission to IEP and placement in Level 3. Fall, spring.

Interdisciplinary Studies

Undergraduate Bulletin
Document Number 4.09.05(a)

Return to Enrollment Management

[1] Courses in Interdisciplinary Studies (INDS)

3380 JUNIOR SEMINAR Special topics seminar. May cross departmental and disciplinary lines. On demand.

4380 SENIOR SEMINAR Special topics seminar. May cross departmental and disciplinary lines. On demand.

First Year Seminars

Undergraduate Bulletin
Document Number 4.09.05(b)

General Education Program

Jump to General Education Program
Jump to Enrollment Management

[1] First Year Seminars (FYFS)

1301 FIRST-YEAR SEMINAR: STUDIES IN HUMANITIES Fulfills the 3-hour requirement in humanities. On demand.

1310 FIRST-YEAR SEMINAR: STUDIES IN WORLD CULTURAL TRADITIONS Fulfills 3 hours of the 9-hour requirement in world cultural traditions. On demand.

1320 FIRST YEAR EXPERIENCE: AN INTRODUCTION TO HIGHER LEARNING This course is designed to introduce first-year students to the aims and activities higher education, to advance their theoretical and practical knowledge, to empower them for academic and life success, and to encourage them to engage in service to the local community. Fall, spring.

UCA Consortium

Undergraduate Bulletin
Document Number 4.09.05(c)

Return to Enrollment Management

[1] UCA Consortium (UCAC)

UCAC 1101-4606 CONSORTIUM Studies through an approved consortium program in which the University holds membership.

UCA Study Abroad

Undergraduate Bulletin
Document Number 4.09.05(d)

Return to Enrollment Management

[1] UCA Study Abroad (UCAS)

UCAS 1101-4606 Study Abroad Studies through an approved exchange program with an international institution.

Accounting

Undergraduate Bulletin
Document Number 4.01.02

Return to Accounting

[1] Courses in Accounting (ACCT)

2310 PRINCIPLES OF ACCOUNTING I This is a required course for all business majors in the business foundation. The mode of instruction is lecture/problem solving. The course covers the fundamental principles of accounting; measurement, evaluation, and recording. The preparation and composition of financial statements is examined. Prerequisites: MATH 1390, sophomore status. Fall, spring, summer.

2311 PRINCIPLES OF ACCOUNTING II This is a required course for all business majors in the business foundation. The mode of instruction is lecture/problem solving. The course is a continuation of the study of measurement, evaluation, and recording of business information as a basis for decision making. Evaluation of alternatives, profitability, and strategy are examined. Prerequisite: ACCT 2310. Fall, spring, summer.

2321 LEGAL ENVIRONMENT OF BUSINESS I This is a required course for all business majors in the business foundation. The mode of instruction is lecture. The course is a study of the constitution and business; the court system and other means of dispute resolution; anti-trust issues; business and labor; consumer rights; enforceable contracts; business and its environment including social responsibility, ethics, and protecting the physical environment. Prerequisite: sophomore status. Fall, spring, summer.

2376 BUSINESS LAW FOR ENTREPRENEURS This course gives special emphasis to issues that confront those who desire to start or own a business. Topics covered include: choosing the form of organization, structuring ownership, financing options, contracts and leases, and human relations issues. This is a required course in the business foundation for entrepreneurship majors. The mode of instruction is lecture. Offered each semester.

3311 INTERMEDIATE ACCOUNTING I This is a required course for accounting and finance majors. The mode of instruction is lecture/problem solving. The course covers valuation, classification, and presentation in financial statements of business enterprises with emphasis on determination and valuation of assets and current liabilities. Prerequisite: ACCT 2311. Fall, spring, summer.

3312 INTERMEDIATE ACCOUNTING II This is a required course in the accounting major, an elective course in the accounting minor, and an elective course in the finance major. The mode of instruction is lecture/problem solving. The course is a continuation of financial reporting concepts with emphasis on the statement of cash flows and the valuation of long-term liabilities and stockholder's equity on the balance sheet. In addition, the valuation, classification, and presentation of pensions, leases, and income taxes is covered. Prerequisite: ACCT 3311 with a minimum grade of C. Fall, spring, summer.

3314 MANAGERIAL ACCOUNTING Course is not open to accounting majors. Degree credit is not given for both ACCT 3314 and ACCT 3315. The mode of instruction is lecture/problem solving. The course provides a study of the types of information managers need to plan and control business operations, where t obtain this information, and how to use this information in decision making. The course makes extensive use of computer technology. Prerequisite: ACCT 2311 On demand.

3315 COST ACCOUNTING This is a required course in the accounting major. This course may substitute for ACCT 3314 for all business majors. The mode of instruction is lecture/problem solving. The course provides an examination of the concepts, analysis, and procedures to provide relevant financial and non-financial information to management for purposes of planning, controlling, and evaluating operations. Prerequisite: ACCT 2311. Fall, spring, summer.

3316 INDIVIDUAL TAXATION This is a required course in the accounting major. Mode of instruction is lecture/problem solving. The course studies the fundamentals of taxation with major emphasis on those provisions having application to individual taxpayers. Prerequisite: ACCT 2311. Fall, spring.

3320 ACCOUNTING INFORMATION SYSTEMS This is a required course for accounting majors and substitutes for MIS 3321 in the business core. The mode of instruction is lecture/computer applications. The course covers the analysis and design of systems to process and report relevant accounting and non-accountin information for business entities. The course focuses on internal controls and uses the simulated processing of accounting information in a hands-on microcomputer lab environment. Prerequisites: ACCT 3311 with a minimum grade of C; MIS 2343. Fall, spring, summer.

3322 LEGAL ENVIRONMENT OF BUSINESS II This is an elective course but is recommended for students who plan to sit for the CPA Exam. The mode of instruction is lecture. A study of agency, commercial paper, forms of business organizations; real and personal property; bailments; the liability of accountants and other professionals; bankruptcy as applied to the different forms of business organizations. Prerequisite: ACCT 2321. Fall, spring.

3376 TAXATION FOR ENTREPRENEURS This course is a required course for the Innovation/Entrepreneurship major. The basic tax concepts that relate to start-up/small businesses are described. Business expenses, employee compensation, property acquisitions and disposals as well as the taxation of Corporations. Proprietorships and Flow-Through entities are covered in this course. Prerequisite: ACCT 2376. Offered once a year.

3382 INTERNSHIP IN ACCOUNTING This is an elective course open to accounting majors. Internships are available to provide academic credit for experiential learning. Three credit hours will be granted for this course upon completion of a minimum of 120 contact hours at an approved CBA student internship. Prerequisites: ACCT 3311 and junior standing. On demand.

4304 GOVERNMENTAL/NOT-FOR-PROFIT ACCOUNTING Mode of instruction is lecture/problem solving. The course covers accounting and financial reporting practices of state and local governments and other not-for-profit entities. Prerequisite: ACCT 2311. Fall, spring, summer.

4305 ESTATE PLANNING Estate planning focuses on the efficient conservation and transfer of wealth, consistent with the client's goals. The course is a study o the legal, tax, financial, and non-financial aspects of this process, covering topics such as trusts, wills, probate, advanced directives, charitable giving, wealth transfer and related taxes. The course is designed for students majoring in accounting who want to focus on the area of taxation and for students in the insurance major who are specializing in financial planning. The course will introduce students to the integrated discipline of estate planning. Prerequisite: ACCT 3316. On demand.

4312 ADVANCED ACCOUNTING This is a required course in the accounting major. Mode of instruction is lecture/problem solving. The course covers concepts and problems encountered in business combinations, consolidations, international accounting, segment reporting, and partnerships. Prerequisite: ACCT 3312 with a minimum grade of C. Fall, spring, summer.

4315 ADVANCED COST ACCOUNTING This is a computer applications course required of all accounting majors and substitutes for MGMT 3344 in the busines core and an elective course for accounting minors. Mode of instruction is lecture/problem solving. The course covers the use of information in solving quantitative and behavioral problems associated with the management of an entity. Prerequisite: ACCT 3315 with a minimum grade of C. Fall, spring.

4316 ADVANCED INCOME TAX This is a required course in the accounting major and an elective course in the accounting minor. Mode of instruction is lecture/problem solving. The course covers advanced tax issues with emphasis on partnerships, corporations, estates, and gifts. Prerequisite: ACCT 3316 with a minimum grade of C. Fall, spring.

4317 AUDITING This is a required course in the accounting major. Mode of instruction is lecture/problem solving. The course provides an introduction to auditing theory, professional conduct, internal control, and audit procedures. Prerequisites: ACCT 3312 and 3320 with a minimum grade of C in each course. Fa spring, summer

4325 LEGAL ENVIRONMENT OF HEALTH CARE ADMINISTRATION This is an elective course. Mode of instruction is lecture. The course provides a survey of legal problems confronted by health care professionals and how to recognize and deal with these problems. Prerequisite: Senior status. On demand.

4390 SPECIAL PROBLEMS IN ACCOUNTING Prerequisite: Consent of the department chair.

Art

Return to Art

[1] Studio Art

1301 INTRODUCTION TO ART Non-major elective. Beginning studio work in two- and three-dimensional art. Recommended for the undeclared major as an introduction to creative studio experience. Studio. May not be credited toward a major or minor in art. On demand.

1310 2-D DESIGN Foundation course for majors and minors. Fundamentals of two-dimensional design. Studio. Fall, spring, summer.

1321 DRAWING I Foundation course for majors and minors. Drawing techniques and media. Studio. Fall, spring, summer.

2140 PORTFOLIO ASSESSMENT I Area studies course for majors only. Sophomore Major Advancement Interview. Seminar. Graded on a CR/NC basis. Prerequisites: ART 1310, 1321, 2312, 2322, 3 hours from 2325, 2335, 2336. Fall.

2312 3-D DESIGN Foundation course for majors and minors. Fundamentals of three-dimensional design. Studio. Fall, spring.

2322 DRAWING II, LIFE Foundation course for majors and minors. Studies of the figure in various media. Studio. Fall, spring.

3140 PORTFOLIO ASSESSMENT II Area studies course for majors only. Progress review and degree candidacy. Issues of health and safety in art and career development. Seminar. Graded on a CR/NC basis. Prerequisite: ART 2140. Spring.

3150 BFA FOLIO BFA degree majors only. Introduction to exhibiting work in the professional art field. Prerequisite: Acceptance to the BFA program. Seminar. Fall, spring.

3315 CONTEMPORARY MEDIA IN 3-D An elective in the art program designed for art majors and minors. Investigation and use of contemporary materials and concepts in the development of three-dimensional forms. Studio. Prerequisites: ART 2140, 3 hours 3000-level studio. Spring.

3318 PHOTOGRAPHY I Area studies course for majors and minors. Introduction to the use of the camera, darkroom, film, and processing. Prerequisites: ART 1310 and 3 hours drawing. Fall, spring.

3320 PHOTOGRAPHY II Major/minor course in an art degree program emphasis. Advanced technique with emphasis on photographic practice as an art medium. Studio. Prerequisite: ART 3318. Spring.

3321 DIGITAL PHOTOGRAPHY This is a required course for the BFA in Studio Art: Photography Emphasis and an elective for all other Art majors and minors. Introduction to the basic concepts of digital photography. This course will present to students the tools and techniques of photographic imaging and manipulation using Adobe Photoshop in a Macintosh platform. Digital input from digital cameras and scanning (flatbed and negative) as well as output to digita printing will be covered. Prerequisites: ART 1310, ART 1321, and ART 3318. Fall.

3324 DRAWING III, ADVANCED LIFE DRAWING Area studies course required of all art majors. An in-depth study of the figure with emphasis on expressive interpretations of the undraped form. Studio. Prerequisites: ART 1310, 1321 and 2322. Spring.

3325 COLOR An elective in the art program designed for art majors and minors. The physical, psychological, and design properties of color; emphasis on color in nature, with applications in art, science, and industry. Studio. Prerequisite: Completion of at least one upper-division level I studio course. Spring.

3330 ILLUSTRATION I Area studies course for majors and minors. Procedures, materials, and methods of illustration. Various media and conceptual approache Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3331 ILLUSTRATION II Major/minor course in an art degree program emphasis. Creation of images inspired by the written word. Studio. Prerequisite: ART 333 Spring.

3332 PAINTING I Area studies course for majors and minors. Problems involving composition and color using various painting techniques and supports. Studio Prerequisites: ART 1310 and 3 hours drawing. Fall.

3333 PAINTING II Major/minor course in an art degree program emphasis. Problems involving composition and color. Studio. Prerequisites: ART 2140, 3332. Spring.

3334 WATERCOLOR I Area studies course for majors and minors. Beginning transparent and opaque watercolor painting with emphasis on the transparent. Studies in visual composition. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3339 WATERCOLOR II Major/minor course in an art degree program emphasis. Advanced transparent and opaque watercolor painting. Studio. Prerequisite: AR 3334. Spring.

3343 PRINTMAKING I Area studies course for majors and minors. Techniques of printmaking in intaglio, relief, and the lithographic processes. Studio. Prerequisites: ART 1310 and 3 hours drawing. Spring.

3344 PRINTMAKING II Major/minor course in an art degree program emphasis. Advanced techniques in etching, lithography, screen printing, relief, and multi-plate color printing. Studio. Prerequisite: ART 3343. Fall.

3350 FIBERS An elective in the art program designed for majors and minors. Traditional fiber construction methods using traditional and contemporary media. Studio. Prerequisites: ART 2312 and 3 hours drawing. Spring, even years.

3353 GRAPHIC DESIGN I Area studies course for majors and minors. Introduction to graphic design. Two- and three-dimensional assignments to provide an overview of the graphic design field. Studio. Prerequisites: ART 1310 and 3 hours drawing. Fall.

3354 GRAPHIC DESIGN II Major/minor course in an art degree program emphasis. Using typography as an effective element in visual communication. Studio. Prerequisite: ART 3353. Spring.

3361 SCULPTURE I Area studies course for majors and minors. Techniques and materials of three-dimensional art. Studio. Prerequisites: ART 2312 and 3 hour drawing. Fall.

3362 SCULPTURE II Major/minor course in an art degree program emphasis. Principles and concepts of three-dimensional form; investigation of structural problems in advanced media. Studio. Prerequisite: ART 3361. Spring.

3379 CERAMICS I Area studies course for majors and minors. Introduction to clay construction and surface treatment, utilizing hand building techniques, basic slip and glaze formulation and electric kiln firing. Studio. Prerequisites: ART 2312 and 3 hours drawing. Fall, spring.

3380 SLIP CASTING & GLAZE FORMULATION This is a required course for the BFA in Studio Art: Ceramics Emphasis and an elective for all other Art majors an minors. This course is an introduction to the processes of mold making and slip casting. Glaze calculation and formulation will also be covered. Studio. Prerequisite: ART 3379. Fall.

3390 CERAMICS II Major/minor course in an art degree program emphasis. Introduction to the potters wheel as a tool for functional and sculptural clay construction. Beginning glaze chemistry formulation, gas kiln firing, and beginning mold making techniques. Studio. Prerequisite: ART 3379. Spring.

4140 PORTFOLIO ASSESSMENT III BA degree art majors only. Senior project. Exhibit and comprehensive review. Seminar. Graded on a CR/NC basis. Prerequisi ART 3140. Fall, spring.

4150 BFA PROFESSIONAL ORIENTATION BFA degree majors only. Preparation for entry into the community of artists and artist-teachers as a graduate studen or career professional. Seminar. Prerequisite: Departmental approval. Fall, spring.

4160 BFA EXHIBIT BFA degree majors only. Exhibit and comprehensive review. Seminar. Prerequisite: Departmental approval. Fall, spring.

4300 BFA STUDIO PRACTICUM Required course for BFA degree majors only. Individual instruction in selected topics, providing an opportunity to produce a series of works that explore a creative artistic vision. Studio. Prerequisite: Written proposal and departmental approval semester prior to enrollment. Fall, spring

4301 BFA STUDIO PRACTICUM Required course for BFA degree majors only. Individual instruction in selected topics, providing an opportunity to produce a series of works that explore a creative artistic vision. Studio. Prerequisite: ART 4300. Fall, spring.

4325 DRAWING IV, EXPERIMENTAL Course required of all BFA degree majors. Experimental drawing using a variety of media with emphasis on developing personal styles of expression. Studio. Prerequisites: ART 2140, 3324. Fall.

4328 GRAPHIC DESIGN III Major/minor course in an art degree program emphasis. Development of single and multiple-piece assignments based on actual client needs. Studio. Prerequisites: ART 2140, 3353, 3354 with grades of B or above and permission. Fall.

4335 GRAPHIC DESIGN IV Major course in a BFA degree emphasis. Professional portfolio and personal r ©sum ©. Studio. Prerequisites: ART 3353, 3354, 432 and permission. Spring.

4388 ADVANCED STUDIO Major/minor course in an art degree program emphasis. Developing additional competence in special areas. May be repeated for credit. Studio. Prerequisites: ART 2140, 6 hours in one studio area, and faculty permission. Fall, spring.

4171, 4271, 4371 DIRECTED STUDIO PROBLEM Studio course in an art degree program emphasis for majors only. Specific art media or topics on current issues and problems in art. Studio. Prerequisites: 3 hours ART 4388, written proposal and departmental approval semester prior to enrollment. Fall, spring. (* NOTE: A maximum of 6 hours of variable credit courses in art may be applied to the BA degree, 12 hours to the BFA degree.)

4375, 4675 ART INTERNSHIP Required course in the BFA degree. Available to majors only. Supervised, practical experience in art. Internship. Prerequisites: Written proposal and departmental approval semester prior to enrollment. Fall, spring, summer. (* NOTE: A maximum of 6 hours of variable credit courses in ar

may be applied to the BA degree, 12 hours to the BFA degree.)

[2] Art Education

3304 INTRODUCTION TO ART EDUCATION Area studies elective in the major and requirement in the art education emphasis. Early field experience in a variet of instructional activities based on classroom preparation. Studio. Prerequisites: ART 1310 or 2312,1321. Spring.

4260 CONCEPTS OF ART Part of the academic block required of early childhood education candidates. The course will introduce visual arts content for the development and implementation of appropriate art curriculum for early childhood through fourth grade. Lectures, discussion, demonstration, studio, and curriculum design are central to the course. Prerequisite: Admission to teacher education.

4350 ART EDUCATION PRACTICUM Course required in the art education emphasis. Theory and practice in art education for the elementary school. Studio. Prerequisite: ART 3304 Fall.

4361 ART EDUCATION INTERNSHIP I Course required in the art education emphasis. Teaching techniques for secondary schools. Studio. Prerequisites: ART 2140 and admission to teacher education. Fall.

4690 ART EDUCATION INTERNSHIP II Teaching under supervision for majors in art who seek state licensure. Requires full-day involvement and seminars. Prerequisites: Admission to internship program, completion of all professional education and art courses, and successful completion of Praxis II content area exams. Taken concurrently with ART 4691 Art Education Internship II. Fall, spring.

4691 ART EDUCATION INTERNSHIP II Teaching under supervision for majors in art who seek state licensure. Requires full-day involvement and seminars. Prerequisites: Admission to internship program, completion of all professional education and art courses, and successful completion of Praxis II content area exams. Taken concurrently with ART 4690 Art Education Internship II. Fall, spring.

[3] Art History

2300 ART APPRECIATION Part of the general education program to satisfy the fine arts requirement. Significant styles and achievements in the visual arts with study directed toward trends and influences on contemporary society. May not be credited toward a major or minor in art. Lecture. Fall, spring, summer.

2325 ASIAN ART SURVEY Foundation course for majors and minors. Required course for Asian Studies minor. Elective course for Religious Studies majors and minors. Important artistic monuments from India, China, and Japan. Because Buddhism is a connecting link for Asian cultures, emphasis is placed on Buddhist art. Lecture. Fall.

2335 ART HISTORY, PREHISTORIC TO MEDIEVAL Foundation course for majors and minors. The painting, sculpture, and architecture of Western civilization from prehistoric times to the Renaissance. Lecture. Fall, spring.

2336 ART HISTORY, RENAISSANCE TO MODERN Foundation course for majors and minors. The painting, sculpture, and architecture of Western civilization fro the Renaissance to the contemporary. Lecture. Fall, spring.

3105/3205/3305 SPECIAL TOPICS IN ART HISTORY Area studies course for majors and minors. Special topics in art history that are not covered in other course offerings. This may include subject areas or period studies not part of the existing curriculum, or in-depth art historical investigations that are related t and augment the existing curriculum. Travel may be required. Prerequisite: ART 2335 or ART 2336. On demand.

3301 MODERN ART Area studies course for majors and minors. Art from the nineteenth century to the present. Lecture. Fall.

3302 HISTORY OF AMERICAN ART Area studies course for majors and minors. Art since colonial times. Lecture. Spring. .

3303 NINETEENTH CENTURY ART HISTORY Area studies course for majors and minors. European art of the nineteenth century. Lecture. Spring.

3307 ARTS OF AFRICA Area studies course for majors and minors. A survey of the art and architecture of Africa, including the social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring, odd years.

3311 ANCIENT SOUTH AMERICAN ART Area studies course for majors and minors. An in-depth examination of the pre-Columbian art and architecture of South America, including the archaeological, social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring.

3329 ANCIENT MESOAMERICAN ART Area studies course for majors and minors. A survey of the art and architecture of pre-Columbian Mesoamerica and the Greater Antilles, including the social, political, and religious context of the art, as well as issues of interpretation. Lecture. Spring, even years.

3335 ART MUSEUM STUDIES Elective course in the art history emphasis. Introduction to the theory and practice of art museums. Lecture/Seminar. Fall.

3365 WOMEN IN ART Area studies course for majors and minors. Survey of women artists from the Renaissance to the contemporary. Lecture. Fall.

3385 ART OF INDIA Area studies course for majors and minors. Elective course for Religious Studies majors and minors and Asian Studies minors. Survey of th

important artistic monuments of India, especially the temples and sculptures related to Buddhism and Hinduism. Lecture. On demand.

3395 ART OF JAPAN Area studies course for majors and minors. Elective course for Asian Studies minors. Survey of major Japanese monuments and styles with consideration of the social, political, and religious currents formulating the arts. Lecture. On demand.

4372 SENIOR SEMINAR Major/minor course in an art degree program emphasis. Advanced topics in contemporary art. Seminar. Prerequisites: Senior standing and 9 hours of art history. Fall.

4102, 4202, 4302* DIRECTED STUDY Non-studio course in an art degree program emphasis for majors only. Advanced study and research beyond available courses. Seminar. Prerequisite: Written proposal and departmental approval semester prior to enrollment. Fall, spring. (*NOTE: A maximum of 6 hours of variabl credit courses in art may be applied to the BA degree, 12 hours to the BFA degree.)

4390 SPECIAL STUDIES Art honors course for majors only. Independent study for the exceptional student in research and/or studio art. Seminar. Prerequisite: Invitation of the art faculty. Fall, spring.

History (HIST)

Return to History

[1] United States History

2301 AMERICAN NATION I Required for the BA/BS major, history minor, and BSE-Social Studies (history emphasis) major. Satisfies general education American history and government requirement. Provides an understanding of the development of the American people beginning with the age of exploration and culminating with the Civil War/Reconstruction period. Lecture and discussion, critical analysis of documents, and writing. Fall, spring, summer.

2302 AMERICAN NATION II Required for the BA/BS major, history minor, and BSE-Social Studies (history emphasis) major. Satisfies general education American history and government requirement. This course provides an understanding of the development of the United States since the Civil War/Reconstruction period. Lecture and discussion, emphasizing reading, critical analysis of documents, and writing. Fall, spring, summer.

3340 INTRODUCTION TO AMERICAN INDIAN HISTORY: 1500-PRESENT Upper-division elective. This course seeks to promote an understanding of the role played by the indigenous peoples of North America in the historical evolution of the United States. Topics will include: initial migrations and cultural development; impact of European contact and conquest; assimilation, acculturation, and adaptation; removal, resistance, and reservation life; and 20th century adjustments. On demand.

3353 AFRICAN-AMERICAN HISTORY BEFORE 1868 Upper-division elective. Minor in Southern and Arkansas studies. Major and minor in African and African American studies. Provides an understanding of American history from the perspective of the African-American experience. Colonial period to the ratification of the Fourteenth Amendment. Lecture, discussion, writing. On demand.

3354 AFRICAN-AMERICAN HISTORY, 1868 TO PRESENT Upper-division elective. Minor in Southern and Arkansas studies. Major and minor in African and African American studies. Provides an understanding of American history from the perspective of the African-American experience, from the ratification of the Fourteenth Amendment to the protest movements of the modern era. Lecture, discussion, writing. On demand.

3381 AMERICAN MILITARY HISTORY Upper-division elective. This course surveys the history of the American military establishment. Emphasis on military policy, the principles of war, and the interrelationship among military affairs, technology, and the general pattern of societal development. On demand.

3388 TUTORIAL STUDIES IN AMERICAN HISTORY Upper-division elective. Directed reading in American history. Preparation for an honors thesis to be written during the student's senior year. Discussions with instructor, research, writing. Prerequisite: consent of instructor and department chair. On demand.

4301 AMERICAN ENVIRONMENTAL HISTORY Upper-division elective. Examines the changing relationship between humans and their environment from the colonial period to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4305 THE UNITED STATES AND THE MIDDLE EAST, 1776 TO THE PRESENT An overview of the evolution of the relationship between the United States and th Middle East from American independence to the present day. On demand.

4306 ATLANTIC SLAVE TRADE Upper-division elective. This course covers the history of the trans-Atlantic slave trade from the early 16th to the late 19th century. Students examine why Europeans bought slaves, why Africans sold slaves, how slaves coped, resisted, and adapted, and how the Atlantic slave trade came to an end. Lecture, discussion, document analysis, writing. Every other year or on demand.

4308 AMERICAN WOMEN'S HISTORY Upper-division elective. Examines the history of American women from the colonial period to the present. Emphasis on class, race, and ethnic differences. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4311 AMERICAN COLONIAL AND REVOLUTIONARY HISTORY Upper-division elective. Examines the age of exploration and colonization and developments leading to the American Revolution, 1492-1783. Emphasis on the contribution of the era to American political, social, and intellectual tradition. Lecture, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4315 WORK, WEALTH, AND POWER IN UNITED STATES HISTORY This course explores the social and cultural history of the American working classes. Topics include the rise of industrialization and wage labor, slavery, the labor movement and labor relations, war, deindustrialization, and globalization. While the emphasis will be exploring the beliefs and experiences of American workers, the course will also pay attention to the historical development of capitalism in the United States and will examine the relationships of power between Americans of different economic positions. On demand.

4318 ARCHAEOLOGY AND HISTORY OF SOUTHWEST NATIVE AMERICAN CIVILIZATIONS A course intended to provide an overview of the Native American civilizations of the American southwest to about 1800. Various methodologies for studying this period and area will be employed, including archaeology, ethnography, and historical linguistics. The focus of the course will be on the Anasazi, Hohokam, Mississippian, Mogollon, Salado, and Sinagua civilizations. On demand.

4322 EARLY NATIONAL HISTORY, 1783-1848 Upper-division elective. The course covers the social and political development of the United States from its origins in 1787 to 1848. The class focuses on the debate over the Constitution, political and philosophical differences among Americans in the early republic, t market revolution, social change and reform of the antebellum period, the political controversies of the 1790s and and the 1830s, westward expansion, section tensions and the differences in the social and economic development of different regions of the United States. Lecture, discussion, analysis of documents, participatory classroom activities, research, and writing. On demand.

4325 AMERICAN LIFE AND THOUGHT TO 1865 Upper-division elective. Examines political and social thought and cultural trends from the Puritan era to the Civil War period. Lecture, discussion, documentary analysis, writing. On demand.

4326 AMERICAN LIFE AND THOUGHT SINCE 1865 Upper-division elective. Examines political and social thought and cultural trends since 1865. Lecture discussion, documentary analysis, writing . On demand.

4327 THE AMERICAN WEST Upper-division elective. Examines the influence of the frontier and of western expansion on the history of the United States. Lecture, discussion, documentary analysis, writing. On demand.

4330 THE CIVIL WAR AND RECONSTRUCTION, 1848-1877 Upper-division elective. The course covers the sectional crisis of the 1850s, the establishment of the Confederate States, social and political developments in the Union and Confederacy during the war, emancipation, military policy and strategy, and reconstruction. Lecture, discussion, analysis of documents, participatory classroom activities, research, and writing. Fall

4333 UNITED STATES IMMIGRATION AND ETHNIC HISTORY FROM COLONIAL TIMES TO PRESENT This course examines immigration to the United States from the colonial period to the present. It considers social, cultural, political, and economic themes to analyze immigrant experiences and explain native-born attitudes toward newcomers. Lecture, discussion, document analysis, writing. On demand.

4335 DIPLOMATIC HISTORY OF THE UNITED STATES Upper-division elective. Students examine the diplomatic history of the Revolutionary period, the early national era, the Civil War, America's rise to world power, two world wars, and the Cold War. Lecture, discussion, documentary analysis, writing. On demand.

4338 AMERICAN HISTORY THROUGH FILM Upper-division elective. Examination of how the history of film and the film industry in America relates to broader political, economic, cultural, and social trends. On demand.

4340 THE EMERGENCE OF MODERN AMERICA, 1877-1920 Upper-division elective. Students examine the conquest of the last western frontier, the rise of big business, progressivism, and the United States as a world power. Lectures, discussion, analysis of documents, writing. On demand.

4345 THE SOUTH TO 1865 Upper-division elective. Minor in Southern and Arkansas studies. Students study the history of the old South with an emphasis on southern nationalism, slavery, politics, and social and intellectual developments. Lecture, discussion, analysis of documents, writing. On demand.

4346 THE SOUTH SINCE 1865 Upper-division elective. Minor in Southern and Arkansas studies. Students study the re-integration of the South back into the Union, the problems faced by the region, and their legacy to the present. Lecture, discussion, analysis of documents, writing. On demand.

4350 AMERICA IN DEPRESSION **AND WAR, 1920-1960** Upper-division elective. Students examine twentieth-century political, social, economic, and intellectual developments. Topics include the twenties, the Depression, America in World War II, and the Cold War. Lecture, discussion, analysis of documents, writing. On demand.

4353 INTER-AMERICAN RELATIONS Upper-division elective. Students review political, economic, and cultural relationships between the United States and Lati America, with special attention to the period from 1898 to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing. Counts as United States or world history. On demand.

4355 THE ROLE OF ARKANSAS IN THE NATION Required for BSE in Social Studies; upper-division elective. Students examine United States history as reflected in the history of Arkansas. Emphasis on the ways Arkansas reflects or departs from national trends. Lecture, discussion, analysis of documents, participatory classroom activities, writing. Fall, spring.

4358 RECENT AMERICAN HISTORY Upper-division elective. The political, social, cultural, diplomatic, and economic history of the United States from 1960 to t present. On demand.

4359 HISTORY OF THE AFRICAN AMERICAN CIVIL RIGHTS MOVEMENT IN THE UNITED STATES A study of the "long" Civil Rights Movement from 1919 to the 1980's. Begins with the economic, historical, and legal origins of segregation. Traces the rise of civil rights activism as well as the broad range of civil rights issues and activist strategies. Examines the impact of the movement on domestic politics, culture, and foreign policy. On demand.

4386 THE WAR IN THE PACIFIC, 1931-1945 Upper-division elective. Students critically evaluate Japanese-American relations, covering such topics as Asian nationalism, Western imperialism, and Japanese expansion. Counts as United States or world history. Lecture, discussion, analysis of documents, writing. On demand.

[2] World History

1310 WORLD HISTORY I Satisfies part of the general education world cultural traditions requirement. Required for BA/BS history majors and minors and BSE-Social Studies (history emphasis). Students examine major contributions to the advancement of global civilizations from ancient times to the early modern perio (circa 1600). Lecture, discussion, analysis of documents, writing. Fall, spring, summer.

1320 WORLD HISTORY II Satisfies part of the general education world cultural traditions requirement. Required for BA/BS history majors and minors and BSE-Social Studies (history emphasis). Students examine development of modern industrial and urban society from the seventeenth century to the present. Lectures, discussion, analysis of documents, writing. Fall, spring, summer.

3303 ASIAN CIVILIZATION I Upper-division elective. Asian studies minor. Religious studies major. Introduces students to the traditional cultures of China, Japa and South Asia to 1800. Lectures, discussion, analysis of documents, writing. On demand.

3304 ASIAN CIVILIZATION II Upper-division elective. Asian studies minor. Introduces students to the process of modernization as experienced in China, Japan and South Asia in modern times. Lectures, discussion, analysis of documents, writing. On demand.

3312 COMPARATIVE MODERN THIRD WORLD HISTORY Upper-division elective. The course compares and contrasts the modern history of the Middle East, Africa, and Latin America through one "representative" country from each region. Lectures, discussion, analysis of documents, writing. On demand.

3320 HISTORY OF CHRISTIANITY I Upper-division elective. Religious studies major and minor. Students examine the major themes and developments in Christianity from the first century to the eve of the Reformation. Lectures, discussion, analysis of documents, writing. On demand.

3321 HISTORY OF CHRISTIANITY II Upper-division elective. Religious studies major and minor. Students examine the major themes and developments in Christianity from the Reformation to present times. Lectures, discussion, analysis of documents, writing. On demand.

3351 ANCIENT CIVILIZATION Upper-division elective. Students study the Near East, Greece, and Rome, with an emphasis on politics and culture, to 476 AD. Lectures, discussion, participatory classroom activities, analysis of documents, writing. On demand.

3389 TUTORIAL STUDIES IN WORLD HISTORY Upper-division elective. Directed reading in world history. Preparation for an honors thesis to be written during the student's senior year. Discussions with instructor, research, writing. Prerequisite: Consent of instructor and department chair. On demand.

4302 HISTORY OF WITCHCRAFT This upper division course explores the history of witchcraft in Europe and the British colonies culminating in an in-depth examination of the Salem witch trials. We will pay particular attention to magical knowledge and the social, cultural, religious, and political causes of witchcraft accusations. We will also discuss the profile and stereotype of the witch as well as what circumstances might make people usually safe from accusations equally susceptible. On demand.

4306 ATLANTIC SLAVE TRADE Upper-division elective. This course covers the history of the trans-Atlantic slave trade from the early 16th to the late 19th century. Students examine why Europeans bought slaves, why Africans sold slaves, how slaves coped, resisted, and adapted, and how the Atlantic slave trade came to an end. Lecture, discussion, document analysis, writing. Every other year or on demand.

4309 WOMEN IN EUROPEAN HISTORY Upper-division elective. Students use a variety of primary and secondary sources to study the role of women and gende in European history. Lectures, discussion, analysis of documents, participatory classroom activities, writing. On demand.

4328 MODERN LATIN AMERICA Upper-division elective. Latin American studies minor. Students examine critical issues that challenge the countries of contemporary Latin America, from race and the environment to debt, development, and democracy. Lectures, discussion, analysis of documents, participatory classroom activities, Latin American fiction, writing. On demand.

4332 HISTORY OF THE CRUSADES Upper-division elective. Students examine the history of European interactions with Asia, northern Africa, and eastern Europe, 1000-1300, centering around the phenomenon of crusading. Lectures, discussion, analysis of documents, writing. On demand.

4343 HISTORY OF MEXICO Upper division elective. A history of the world's most populous Spanish-speaking country, focusing mostly on the events and figures after 1800. Topics include the War of Independence, the role of the peasantry and organized labor, Mexican Catholicism and Church-State Relations, th Mexican Revolution, relations with the U.S. and the world, emigration and immigration, and NAFTA. Alternate years.

4347 IDEAS AND SOCIETY IN MODERN EUROPE Upper-division elective. an examination of the inter-relationship between philosophy, the arts, science, religion, and social change in Europe since 1648. Lectures, discussion, analysis of documents, writing. On demand.

4353 INTER-AMERICAN RELATIONS Upper-division elective. Students review political, economic and cultural relationships between the United States and Latin America, with special attention to the period from 1898 to the present. Lecture, discussion, analysis of documents, participatory classroom activities, writing. Counts as United States or World History. On demand.

4360 BIRTH OF EUROPE, 300-1000 Upper-division elective. Students examine European political, social, economic, religious, and intellectual development fro the establishment of Christianity as an officially sanctioned religion to the dawn of the feudal age. Lectures, discussion, analysis of documents, writing. On

4361 MEDIEVAL CIVILIZATION, 1000-1400 Upper-division elective. Students examine European political, social, economic, religious, and intellectual development during the High Middle Ages. Lectures, discussion, analysis of documents, writing. On demand.

4362 TUDOR AND STUART ENGLAND 1485-1690 Upper-division elective. A survey of the political, religious, social, and economic history of England and the British Isles during the sixteenth and seventeenth centuries. On demand.

4365 THE HISTORY OF IMPERIALISM: A REVIEW OF WORLD COLONIAL SYSTEMS This elective course is a review of world imperialism from the early modern era through the nineteenth and twentieth centuries. The course will consider political, economic, social, class, gender, geographical, and ethnological themes an addresses the perspective of the West and other cultures (particularly in Africa and Asia). On demand.

4369 VICTORIAN BRITAIN Upper-division elective. A historical survey of the primary elements constituting British society from the end of the Napoleonic perio through the First World War. On demand.

4370 EUROPE, 1815-1914 Upper-division elective. Students examine Europe's political and cultural development from the Vienna Congress to the eve of Worl War I. Lectures, discussion, analysis of documents, writing. On demand.

4374 THE EUROPEAN RENAISSANCE AND REFORMATION Upper-division elective. Students explore the major themes, subjects, and personalities of the early modern age in Europe. Lectures, discussion, analysis of documents, writing. On demand.

4376 EUROPE, 1914-1939 Upper-division elective. Students examine the background and history of World War I; peacemaking and international organization; the rise of fascism, national socialism , and Japanese imperialism; collapse of peace. Lectures, discussion, analysis of documents, writing. On demand ..

4377 EUROPE IN A GLOBAL ERA Upper-division elective. World War II, the Cold War, development of the European Union, collapse of the Soviet Union and oth recent events. Lectures, discussion, analysis of documents, writing. On demand.

4378 ABSOLUTISM, ENLIGHTENMENT, AND REVOLUTION Upper-division elective. Students explore major themes in European history in the seventeenth and eighteenth centuries concluding with the French Revolution. Lectures, discussion, analysis of documents, writing. On demand.

4379 SPAIN: CRUSADE, COLUMBUS, AND EMPIRE Upper-division elective. Students explore major factors in the rise and decline of Iberia during the early modern era, plus an examination of early exploration and colonialism. On demand.

4380 CZARIST RUSSIA Upper-division elective. Introduces students to major themes in Russian history from its beginning to 1917. Lectures, discussion, analys of documents, writing. Fall.

4381 MODERN CHINA Upper-division elective. Asian studies minor. Students explore Chinese history in the nineteenth and twentieth centuries. Lectures, discussion, analysis of documents, writing. On demand.

4382 RUSSIA SINCE 1917 Upper-division elective. Students examine Russian history from the revolutions of 1917 to the present, emphasizing topics such as the Revolution, the Civil War, the Great Purges, World War II, the post-Stalin era, and the collapse of the Soviet Union. Lectures, discussion, analysis of documents, writing. Spring.

4383 MODERN JAPAN Upper-division elective. Asian studies minor. Students explore the history of Japan since 1800, including such topics as the overthrow o feudalism, the Meiji Restoration, the struggle for representative government, imperialism, ultranationalism, militarism, and the "economic miracle." Lectures, discussion, analysis of documents, writing. On demand.

4385 FRENCH REVOLUTION AND NAPOLEON Upper-division elective. Students examine the causes of the revolution and its impact on France and Europe with emphasis on social, political, and economic changes through revolution and the reforms of Napoleon. Lectures, discussion, analysis of documents, writing. On demand.

4386 THE WAR IN THE PACIFIC, 1931-1945 Upper-division elective. Students critically examine Japanese-American relations covering such topics as Asian nationalism, Western imperialism, and Japanese expansion. Counts as either United States or world history. Lectures, discussion, analysis of documents, writing On demand.

4387 THE ISLAMIC MIDDLE EAST Upper-division elective. Religious studies major. Students explore Islamic civilization and recent history of the Middle East. Emphasis on the development of Islam as a major religion and total lifestyle and Islamic revisionism, Arab nationalism, revival of Islamic fundamentalism, and conflicting Arab-Israeli aspirations and claims. Lectures, discussion, analysis of documents, writing. On demand.

4388 AFRICAN HISTORY Upper-division elective. African and African American studies minor. Students explore cultural changes and problems of African modernization. Lectures, discussion, analysis of documents, writing. On demand.

4389 THE MEDITERRANEAN WORLD DURING THE ROMAN REPUBLIC, 750 BC-27 BC Upper division elective. An examination of the Roman Republic (750-27

BC) and its integration with the diverse populations and cultures surrounding the Mediterranean Sea. Every other year.

4390 THE ROMAN EMPIRE: 40 BC-395 AD Upper division elective. This course traces the development of the Roman Empire from Augustus' Principiate to the last days of the Tetrarchy and the eventual break-up of Roman Territory into Eastern and Western halves. Every other year.

4394 GERMANY SINCE 1918 Upper-division elective. Students examine German history since World War I, including the Weimar Republic, Third Reich, World W II, and the division and reunification of postwar Germany. Lectures, discussion, analysis of documents, writing. On demand.

4397 HISTORY OF IRELAND, 1500-PRESENT Examines major themes in Irish history from the Tudor conquest of Ireland, and the ensuring Ulster plantation in the early 17th century, to the modern Troubles in Northern Ireland. On demand.

[3] Special Topics

2320 INTRODUCTION TO HISTORICAL RESEARCH Required for BA/BS history majors and BSE-Social Studies (history emphasis) majors. A hands-on course emphasizing the basic skills necessary for historical research, critical analysis of historical texts, and historical writing and discussion. Lecture, discussion and participation in classroom assignments. Introduction to Historical Research (concurrent enrollment or completion of 2320 (Introduction to Historical Research) w be prerequisite for any history major to enroll in any 4000 level class that counts toward a major). Fall, spring.

3310 SOCIAL SCIENCE CONCEPTS IN ARKANSAS HISTORY A professional education requirement for elementary and early childhood majors, the course introduces students to concepts of social science in relationship to selected content of Arkansas History. Lectures, discussions, and applied activities will be central to this course. The course may not be counted toward the History major or minor. Fall, spring.

4300 SEMINAR Required for history BA/BS history majors and BSE-Social Studies (history emphasis) majors. Emphasis on studying and practicing historical research and writing. Students research and write a major paper on a topic of their choice. Discussion, research and writing assignments, oral presentations, analysis of documents and sources. Prerequisite: 21 hours in history. Fall, spring, summer.

4310 TEACHING SOCIAL STUDIES Required for BSE-Social Studies (history emphasis) An examination of the problems of teaching history and the related socia studies in middle and secondary schools focusing on the curriculum and the methods and techniques used by successful teachers in both history and related social studies. Credit is given only when taken in lieu of ADSE 4300. Lectures, discussion, analysis of documents, writing, participatory classroom activities. Fall

4351 INTERNSHIP I Internship I is part of the senior block for candidates in secondary education. The internship occurs in appropriate public school settings where the candidates gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning, and in achieving professional behaviors. Students should enroll in this course concurrently with HIST 4310, Teaching Social Studies. Fall.

4392 INTERNSHIP IN PUBLIC HISTORY A directed field experience at the Old State House Museum, Faulkner County Museum, Clinton Presidential Library, or other approved site. The student completes 6-10 hours a week for 14 weeks on her/his selected project at the Museum, maintains a log of activities, and provides the Internship Coordinator with a final paper. Prerequisite: Consent of instructor and department chair. On demand.

4680 SOCIAL STUDIES INTERNSHIP II This course involves teaching under supervision in a public secondary school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with HIST 4681. Prerequisites: Admission into teacher education and successful completion of Internship I. Sprin

4681 SOCIAL STUDIES INTERNSHIP II This course involves teaching under supervision in a public school setting (grades 7-12). Requires full-day involvement and seminars. Taken concurrently with HIST 4680. Prerequisites: Admission into teacher education and successful completion of Internship I. Spring.

4191, 4291, 4391 TOPICS IN HISTORY Upper-division elective. Students study special topics in history to be determined by instructor and the needs of students who enroll. This course can be repeated for credit and may be counted as either United States or world history, depending on the subject of study. Lectures, discussion, analysis of documents, writing. On demand.

Honors College - Honors Core, Minor in Honors Interdisciplinary Studies

Return to Honors College

[1] Courses in the Honors Program (HONC) - Honors Core

1310 HONORS CORE I The Search for Self. A reflexive study of a variety of views on the nature of human beings drawn from differing disciplines and historical periods. Team taught. Emphasis on writing skills and insightful thinking. By consent only. Fall. (Honors Core I fulfills general education requirements for WRTG 1310 or humanities elective.)

1320 HONORS CORE II The Search for Community. A reflexive study of a variety of views on the nature and problems of society drawn from various disciplines Team taught. Emphasis on writing skills and insightful thinking. By consent only. Spring. (Honors Core II fulfills general education requirements for WRTG 1320 or behavioral and social sciences elective.)

2310 HONORS CORE III The Diversity of the Search. An interdisciplinary study of a non-Western culture through a critical study of its art, economics, history, geography, religion, or a study of race and ethnicity, gender, sexual orientation, socioeconomic status or cultural pluralism in some form. Emphasis on research skills. By consent only. Fall. (Honors Core III fulfills general education requirements for behavioral and social sciences elective or humanities elective or the third course in the three-course world cultural traditions sequence.)

2320 HONORS CORE IV The Art of the Search. An interdisciplinary study of the arts, including aesthetic theories, art, music, or theater studies, media, film, or human affairs. Emphasis on seminar skills. By consent only. Spring. (Honors Core IV fulfills general education requirements for fine arts elective.)

3115, 3215, 3315 SPECIAL TOPICS Readings and discussions in specific areas of study that are of particular interest to the student. Consent of the Honors College Dean. On demand.

[2] Courses in the Honors Program (HONC) - Minor in Honors Interdisciplinary Studies

3310 HONORS SEMINAR An in-depth study of a selected topic. Should be repeated for a total of six hours of credit. Emphasis on the presentation of seminar papers. Consent of Honors College Dean. Fall, spring, summer.

3320 HONORS OXFORD TUTORIAL A tutorial course for Honors College scholars. A reading list chosen by the student and his or her tutor provides the foundation for a thesis to be written by the Honors candidate. Extensive oral presentations required. Consent of Honors College Dean. Fall, spring.

4310 SENIOR HONORS SEMINAR An in-depth study of a selected topic with a global studies emphasis. Open only to senior Honors College Scholars. Emphasis on the presentation of seminar papers and the art of collaboration. Consent of the Honors College Dean. Fall, spring.

4320 HONORS COLLEGE THESIS PROJECT Work on Honors College Thesis Project. The completed project requires an oral presentation and is evaluated by two faculty members and the dean or his designee. Consent of the Honors College Dean. Fall, spring.

Music (MUS)

Return to Music

[1] Courses in Theory

1230 HARMONY I Core requirement for all music majors and minors. Taken concurrently with Ear Training I. Fundamentals of music, major and minor scales, modes, key signatures, intervals, triads, melodic and harmonic analysis. Part-writing using root position and first inversion triads, and related keyboard assignments. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 1300 Fundamentals of Music or scoring a passing grade on t fundamentals of music entrance examination. To be taken concurrently with MUS 1231. Fall.

1231 EAR TRAINING I Core requirement of all music majors and minors. Taken concurrently with Harmony I. Enhances overall musicianship through improvement of ear training skills such as rhythmic reading, sight singing, melodic and harmonic dictation. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: Scoring a passing grade on the fundamentals of music entrance examination. To be taken concurrently with MUS 1230. Fall.

1232 HARMONY II Core requirement of all music majors and minors. Continuation of Harmony I. Taken concurrently with Ear Training II. Seventh chords, non-chord tones, secondary dominants and secondary leading tone seventh chords, modulations, and small forms. Part-writing using second inversion triads and seventh chords and related analysis, keyboard harmony, and composition. Methods of instruction include lecture, discussion, and laboratory. To be taken concurrently with MUS 1233. Prerequisites: MUS 1230 and 1231. Spring.

1233 EAR TRAINING II Core requirement of all music majors and minors. Continuation of Ear Training I. Taken concurrently with Harmony II. Enhances overall musicianship through improvement of ear training skills such as rhythmic reading, sight singing, melodic and harmonic dictation. Methods of instruction includ lecture, discussion, and laboratory. Prerequisites: MUS 1230, 1231. To be taken concurrently with MUS 1232. Spring.

1300 FUNDAMENTALS OF MUSIC THEORY Prerequisite for Theory I and Ear Training I for music majors without a strong music background. Recommended as an elective for non-majors who are interested in learning about the rudiments of music. Music fundamentals including notation, keys, scales, intervals, meter, rhythm, melody, and harmony in preparation for MUS 1230 (Harmony I). Methods of instruction are lecture and working theoretical exercises using the compute Minimal computer skills will be helpful. Credit earned in this course is in addition to that earned in required theory courses. Fall, spring, summer.

2210 INTRODUCTION TO MUSIC TECHNOLOGY Elective for music performance majors as enrollment allows. An introduction to music computer technology and related multi-media technology, including a survey of computer hardware and software appropriate for computer-assisted instruction in the private studio and classroom. Methods of instruction include lecture, discussion, workshop, and laboratory. Prerequisites: MUS 1230, 1232. Fall, spring.

2211 INTEGRATION OF MUSIC TECHNOLOGY INTO TEACHING AND LEARNING Required of all music education majors. This course is designed to integrate music technology into classrooms specifically to enhance the instruction and learning for all grade levels (P-12). Teacher candidates will demonstrate the use of technology to plan, assess, and conduct classroom activities, and to make connections between technology and specific grade levels in music education. This course will also prepare music education students for their upper division academic music classes as well as the integration of technology into methods classes This course must therefore be taken in the sophomore year before the junior block of methods courses. Prerequisite: EDUC 1240 or passing score on the Education Technology Competency Exam. Once per year.

2233 COMPOSITION CLASS Required of all performance majors. Composing music for instrumental and vocal media, working from smaller to larger forms, and focusing on twentieth century styles and materials. Methods of instruction are lecture and music composition. Prerequisite: MUS 3210. Spring.

2430 THEORY III Core requirement of all music majors. Continuation of Harmony II and Ear Training II. Borrowed chords, Neapolitan triads, augmented sixth chords, chromatic mediants, sonata and rondo forms. Ear training, sight-singing, keyboard harmony, and composition projects are correlated with written work Methods of instruction include lecture, discussion, and laboratory. Prerequisites: MUS 1232, 1233. Fall.

2431 THEORY IV Core requirement of all music majors. Continuation of Theory III. Ninth, eleventh, and thirteenth chords and advanced modulation. Analysis o small and large forms of the Baroque, Classical, and Romantic periods. Ear training, sight-singing, keyboard harmony, and composition projects are correlated with written work. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 2430. Spring.

3210 COUNTERPOINT I Upper-division elective for music majors. A study of the principles of strict contrapuntal writing in two, three, and four voices as composed in the sixteenth and eighteenth centuries. Methods of instruction include lecture, discussion, and laboratory. Prerequisite: MUS 2431. Fall.

3230 FORM AND ANALYSIS Upper-division elective for music majors. Examination of representative twentieth-century analytical and compositional techniques including set theory, 12-tone theory, poly-harmony, linear counterpoint, multi-rhythms, and aleatoric devices. Methods of instruction include lecture and discussion. Prerequisite: MUS 2430. Spring.

4210 INSTRUMENTAL ARRANGING Required of instrumental performance majors and may be chosen as an optional requirement for instrumental music education majors. Study of band and orchestra instruments in regard to ranges and standard orchestration techniques from the baroque to present. Course is

taught in lecture/discussion format. Prerequisite: All previous theory courses. Fall.

4215 CHORAL ARRANGING Required of vocal performance majors and may be chosen as an optional requirement for vocal music education majors and piano performance majors. Arranging music for choirs, which may be sung a cappella or accompanied with adolescent through adult voices. Methods of teaching are lecture, discussion, and laboratory. After instruction, students write exercises and full choral arrangements using Finale, a music engraving program for either Macintosh or PC. Prerequisite: All previous theory courses, MUS 2210 Introduction to Music Technology and previous choral experience. Spring.

4311 INTRODUCTION TO LINEAR ANALYSIS Upper level music theory elective. The course focuses on the interaction of harmony and counterpoint as the underlying basis of common practice tonal music. Emphasis on analysis at surface and reductive levels. Methods of instruction are lecture and discussion. Prerequisites: MUS 1230-1233, 2430-2431. Once per year, as required.

[2] Courses in History and Literature

1340 INTRODUCTION TO MUSIC LITERATURE Core curriculum requirement of all music majors and minors. Introductory course in music history and literature Through lectures and aural examples, basic knowledge of styles and periods of music is stressed along with listening techniques and the development of a framework upon which the student may later base a more detailed study of the subject matter. Maybe a substitute for the Fine Arts General Education requirement. Spring.

2300 MUSIC APPRECIATION General education curriculum option for the fine arts requirement. Introduces students to music, its origin and development through recorded and live instrumental and vocal music. Relates to other arts, cultures, literature, and the social sciences. Methods of instruction are lecture and listening to music. Fall, spring, summer.

2305 MUSIC OF CHINA A survey of music culture in China, with special emphasis on the role of music in society, Chinese folk traditions and instruments, and the current influences of Western music on Chinese culture. Lecture. Fall.

3300 CHURCH MUSIC Upper-division elective for music majors. History of Western church music from earliest times to the present and application of this heritage to church music of today. Methods of instruction are lecture and listening to music. Prerequisite: Consent of instructor. On demand.

3302 MUSIC HISTORY I Core curriculum requirement for all music majors. History of Western art music from antiquity to 1750. Methods of instruction are lecture and listening to music. Prerequisite: MUS 1340. Fall.

3303 MUSIC HISTORY II Core curriculum requirement for all music majors. History of Western art music from 1750 to the present. Methods of instruction are lecture and listening to music. Prerequisite: MUS 3302. Spring.

3345 AMERICAN MUSIC: A PANORAMA American Music is a survey course of music in the United States rooted in folk and popular styles. It is designed for bot music majors and non-majors. The purposes of the course are to develop musical perception and to provide a better understanding of the role of music in American culture. It is particularly suitable for non-majors seeking upper division credit and also serves as an upper division elective for the BA in music or the BM in performance. Prerequisite: None. Spring.

4203 PIANO LITERATURE Required for BM piano performance majors and BM education majors with a piano emphasis. Suitable for BA music majors with piano as applied major, with consent of instructor. Covers keyboard works from the late Baroque period through the twenty-first century including works composed fo harpsichord and clavichord. Methods of instruction are lecture and CD listening. Spring.

4205 VOCAL LITERATURE Required for BM performance voice majors and optional for other voice or piano majors. Solo vocal literature from the Renaissance t the present. Emphasis on style, interpretation, and historical perspective to equip performance majors with the basic content of their profession. Instruction by lecture, listening, and student individual research. Prerequisite: Upper-division status. Spring.

4301 JAZZ: HISTORY OF AN AMERICAN ART FORM Upper-division general education elective. Historical survey of the evolution of jazz from African slave songs to the present. Recognition of jazz styles through listening, studying, and research. Methods of instruction are lecture and listening to music. Prerequisit Upper-division status. Alternating fall semesters.

4304 HISTORY OF ROCK MUSIC Upper-division general education and music elective. Historical survey of rock music, including its antecedents, its development as a musical style, and its influences on modern American culture. Lecture-based with emphasis on the development of listening and communication skills. Prerequisite: Upper-division status. Alternating fall semesters.

[3] Courses in Pedagogy

1141 DICTION FOR SINGERS I Requirement for all BM vocal performance and vocal track music education majors. Pronunciation skills in German and Italian as encountered in the standard repertory of vocal music. Study of the aural and written phonetic, spelling, and articulation skills necessary to successfully study, perform, or teach the literature of the vocal and choral singing instrument. Teaching procedures include lecture, listening, motor and aural exercises, and classroom and individual presentation. Fall.

1142 DICTION FOR SINGERS II Required for all BM vocal performance and vocal track music education majors. Pronunciation skills in French, Spanish, English, and Russian. Study of the aural and written phonetic, spelling, and articulation skills necessary to successfully study, perform, or teach the literature of the voca and choral singing instrument. Teaching procedures include lecture, listening, motor and aural exercises, and classroom and individual presentations. Prerequisite: MUS 1141. Spring.

2150 STRING CLASS Required of all BM education instrumental music majors. Elective for BM performance instrumental majors or BA music majors who want t learn to play a string instrument other than their major instrument. Pedagogy course which introduces students to the teaching and performing of all standard string instruments, string pedagogy, string terminology, knowledge of the instruments, and their maintenance and purchase. Method of instruction includes diagnostic and corrective procedures. Prerequisite: None for BM education majors, consent of the instructor for BM performance or BA music majors. Fall, sprin

2170 BRASS CLASS I Required for all BM education instrumental majors. Course emphasizes learning basic performance skills and pedagogical techniques for t five major brass instruments in preparation for teaching, with a concentration on the upper brass instruments. Method of instruction includes diagnostic and corrective procedures. Students are required to perform on instruments, to participate in teaching exercises, and to accumulate a permanent file of information Fall.

2171 BRASS CLASS II A continuation of Brass Class I, with a concentration on lower brass instruments. Spring.

2180 WOODWIND CLASS I Required for all BM education instrumental majors. Course emphasizes learning basic performance skills and pedagogical technique for the five major woodwind instruments in preparation for teaching with a concentration on single reeds and flute. Method of instruction includes diagnostic an corrective procedures. Students are required to perform on instruments, to participate in teaching exercises, and to accumulate a permanent file of information Fall.

2181 WOODWIND CLASS II A continuation of Woodwind Class I, with a concentration on double reeds. Spring.

2199 PERCUSSION CLASS Required of BM education instrumental major. The course introduces students to the teaching, maintaining, purchasing, and performing of percussion instruments. Emphasis is placed on the knowledge of instruments, their literature, and their pedagogy. The course is presented throug lecture, performance demonstration, and lab teaching. Spring.

3201 CHORAL AND INSTRUMENTAL CONDUCTING Required of all BM music education and performance majors, upper division elective for BA music majors. Introduces students to the basic requirements of the conductor of both choral and instrumental ensembles. Presented in lecture and laboratory format. Prerequisite: Upper-division status. Fall.

3205 ADVANCED CONDUCTING METHODS FOR THE SCHOOL BAND Elective for BM brass/woodwind/percussion music education majors. Includes wind band repertoire, advanced instrumental conducting techniques, and advanced technology applications as they relate to educational issues in the school band setting. Course content is divided into three learning wheels: music repertoire and selection for the school band, conducting/error detection/score study, and advanced technology and rehearsal techniques for the school band. Prerequisite: MUS 3201. May be repeated for credit. Spring.

3251 CONCEPTS OF MUSIC IN EARLY CHILDHOOD EDUCATION Methods of instruction and materials available for use in elementary school. Students with litt or no background in music fundamentals are encouraged to enroll in MUS 1300.

3304 SECONDARY INSTRUMENTAL METHODS IN MUSIC EDUCATION Required of all BM music education instrumental majors. The course provides the skills t successfully organize and administer a school band program from beginning band through high school band. Learning strategies include lecture, research, microteaching practicums, and observations in the local schools. Prerequisite: Upper division status, admission to the teacher education program, Undergraduat conducting is recommended prior to this class. Spring.

3305 ELEMENTARY METHODS OF MUSIC EDUCATION Required of all BM education majors. Philosophy, materials, techniques, and methods of instruction for elementary general music program appropriate for grades K-6. Methods of instruction include lecture, demonstration, listening, and laboratory. Prerequisite: Upper division status, admission to the teacher education program. Fall.

3306 SECONDARY CHORAL METHODS IN MUSIC EDUCATION Required of all BM education vocal music majors. Philosophy, materials, techniques, and metho of instruction in choral and general music courses in the junior and senior high school music program. Prerequisite: MUS 3305 and admission to the teacher education program. Spring.

3308 ORCHESTRAL METHODS AND MATERIALS Required of BM education majors who plan to conduct orchestral studies in the public schools. Orchestral and string material including administration, auditioning, recruiting, and repertoire selection for elementary, middle school, and high school orchestras. Methods of instruction include lecture, demonstration, listening, and laboratory. Open to string majors and minors only and other music education majors by request. On demand.

4140 INTERNSHIP I Students will gain experience in organizing instruction, in creating a productive learning environment, in teaching for student learning and skill building, and in achieving professional behaviors for the discipline of teaching vocal, choral and instrumental music. It requires time in the public school

setting. Students must be concurrently enrolled in either MUS 3304, 3306 or 3308. Prerequisites: Admission to teacher education and successful completion of designatec professional education and specialty courses. Spring.

4160 VOCAL PEDAGOGY Required of all BM vocal music majors, performance and education emphasis. Physiological and psychological aspects of voice teachin techniques considered from a historical, evolutionary, and comparative point of view. Diagnostic and corrective procedures. Methods of instruction include lecture, discussion, observation, and guided student teaching. Fall.

4202 PIANO PEDAGOGY Required of all BM piano majors, performance and education emphasis. Through lecture and reading, the course introduces the studen to piano teaching methods and issues relating to learning the craft of teaching beginning through advanced piano students. Students will do observed student teaching in class. Fall.

4204 INSTRUMENTAL PEDAGOGY AND REPERTOIRE Required of BM performance instrumental majors. Includes a survey of pedagogical materials, repertoire, and schools of instrumental performance and instruction in the student's major instrument. Presented in lecture and laboratory format by applied music instructors. Prerequisite: Upper-division standing. On demand.

4206 MARCHING BAND TECHNIQUES General education elective for the BM education instrumental major. Program development, teaching strategies, drill design, and computerized drill as performance to the school marching band. Learning strategies include lecture, guided projects, computerized instruction, and discussion. Spring.

4690 INTERNSHIP II This course involves teaching under supervision in a public school setting. It requires full day involvement and seminars. It is taken concurrently with MUS 4691 Internship II. Prerequisites: Admission to teacher education and successful completion of MUS 4140 Internship I. Fall, spring.

4691 INTERNSHIP II This course involves teaching under supervision in a public school setting. It requires full day involvement and seminars. It is taken concurrently with MUS 4690 Internship II. Prerequisites: Admission to teacher education and successful completion of MUS 4140 Internship I. Fall, spring.

[4] Special Courses

4110 WORKSHOP IN MUSIC EDUCATION Available as an elective for BM education majors. Problems in music education to be determined by student(s) enrolle Each instructor determines the method of teaching. On demand.

4310 SPECIAL STUDIES IN MUSIC Available for exceptional undergraduate music majors to investigate a selected area within their field, to complete and prese an honors research paper or an honors recital which includes a written report. To be done with the approval of the departmental honors committee and the supervision of music faculty member. Prerequisite: 3.0 accumulative G.P.A., 3.2 music G.P.A., successful proposal submitted to and approved by departmental honors committee. Fall, spring.

4315 INTRODUCTION TO KODALY First course toward the 18-hour certification in the Kodaly Concept. Introduces students to the basic pedagogical practices used in the primary grades. Other courses include Kodaly Concept I, II, III (2 hrs. credit for each), Solfege I, II, III (2 hrs. for each) and Folk Song Research (3 hrs credit), and Early Childhood Methods and Materials or Children's Choral Music (2 hrs. each);. one or the other must be selected). Workshop format. Prerequisite Bachelor's degree. On demand.

4121, 4221, 4321 WORKSHOP IN MUSIC Available as an elective for BM majors. Problems in music to be determined by the student(s) enrolled. May be taken for 1 to 3 credits. Each instructor determines the method of teaching. On demand.

4102 SENIOR RECITAL Represents the final applied music project for BM or BA majors. A public recital (suggested minimum duration, BM: 45 minutes) will be evaluated by a faculty jury. The program will include program notes prepared by the student. Prerequisite: Completion of junior-level applied study and approv of the applied teacher. BM education majors may substitute a senior project at the discretion of their applied teacher. Fall, spring.

4108 SENIOR PROJECT This course is designed to be the final project for BM in Education and BA music majors who elect this option in lieu of a senior recital. project of considerable scope will be required. The actual form of this project could take several directions: extensive analytical research paper, experimental research study, lecture-recital, or other creative project related to the student's major area of concentration. The specific topic and nature of the project will be submitted to a faculty committee appointed by the department chair for approval, prior to registration. Prerequisite: Completion of junior-level applied study, theory and history. Fall, spring.

[5] Applied Classes (group instruction)

1131-1132 PIANO CLASS I AND II Remedial classes for music majors which do not count toward music degrees. These courses cover functional skills such as sight reading, harmonization, improvisation, technique, basic knowledge of harmonic materials (chords, scales, arpeggios, cadences), and repertoire. These classes are conducted as laboratories. No prerequisite for MUS 1131. Non-majors require consent of instructor. Fall, spring.

2133-2134 PIANO CLASS III AND IV Music majors only. The normal entry level for adequately prepared music majors. Emphasis is given to basic keyboard repertory that demonstrates contrasting styles and textures from various periods. Piano Class IV culminates the work in preparation for proficiency at the

keyboard demanded for BM education teaching requirements. Successful completion of Piano Class IV with a grade of C or higher is required for fulfillment of the piano proficiency requirements. Fall, spring.

Physics and Astronomy (PHYS)

Return to Physics and Astronomy

[1] Courses in Physics (PHYS)

1400 PHYSICAL SCIENCE FOR GENERAL EDUCATION Part of the general education program. Introduces the student to the principles of elementary physics, chemistry, and astronomy. Lecture and laboratory. Fall, spring, summer.

1401 DESCRIPTIVE ASTRONOMY Part of the general education program. An introduction to the changing appearance of the night sky, to the solar system, and to the stars. Lecture and laboratory. Fall, spring, summer.

1405 APPLIED PHYSICS For health science students. Introduces the student to forces, energy, fluids, sound, heat, light, electricity, and radioactivity, with applications to the health sciences. (Not open to students who have completed PHYS 1410 or 1441 unless specifically required for major. May not be applied toward a major or minor together with
PHYS 1410, 1420, 1441, or 1442.) Lecture and laboratory. Prerequisite: High school or college algebra. Spring.

1410 COLLEGE PHYSICS 1 For biology, health science, pre-medical, pre-dental, and other students needing a basic introduction to physics. Forms a two-semester sequence with College Physics 2. Introduces the student to mechanics (kinematics, force, work, energy, momentum, rotational motion, elasticity), fluid heat, and thermodynamics, mechanical waves, and sound. Lecture and laboratory. Prerequisite: High school trigonometry and grade of C or better in MATH 139 or equivalent. Fall, spring, summer.

1420 COLLEGE PHYSICS 2 Continuation of College Physics 1. Introduces the student to electricity, magnetism, light, and selected topics in modern physics. Lecture and laboratory. Prerequisite: PHYS 1410. Fall, spring, summer.

2311 STATICS For pre-engineering students. A study of stresses, strains, and equilibrium in a plane and in space; analysis of structures, friction, centroids, and moments of inertia. Problem oriented with applications emphasized.Lecture. Prerequisite: PHYS 1441. Co- or prerequisite: MATH 1592.

2411 COLLEGE ASTRONOMY A lower division elective intended for science majors and minors. An introduction to astronomy, including light and other radiatio celestial mechanics, stellar structure and evolution, galaxies, and cosmology. Lecture and Laboratory. Prerequisites: High school trigonometry and a grade of C better in MATH
1390 or equivalent. Spring.

2421 OBSERVATIONAL ASTRONOMY A lower-division elective. Field work with telescopes and other equipment; methods for making celestial observations. Prerequisite: PHYS 1401 or 2411.

4301 CONCEPTS OF PHYSICAL SCIENCE 1 For elementary, junior-high, and high school teachers. Forms a two-semester sequence with Concepts of Physical Science 2. Introduces the student to the basic concepts of physical science. Laboratory format. Prerequisite: Consent of instructor.

4302 CONCEPTS OF PHYSICAL SCIENCE 2 Continuation of PHYS 4301. Laboratory format. Prerequisite: Consent of instructor.

[2] Courses for Departmental Majors (PHYS)

1100 PROJECTS IN PHYSICS A lower-division elective. Introductory physics projects involving laboratory work, library research, and/or problem solving. Writte reports and oral presentations may be required. Prerequisite: Consent of department. Fall, spring, summer.

1441 UNIVERSITY PHYSICS 1 Part of the major core. Forms a three-semester calculus-based survey of physics sequence with University Physics 2 and 3. Introduction to mechanics. Lecture and laboratory. Pre- or corequisite: MATH 1591. Fall, spring.

1442 UNIVERSITY PHYSICS 2 Part of the major core. Continuation of PHYS 1441. Introduction to waves, thermodynamics, and electromagnetism. Lecture and laboratory. Prerequisite: PHYS 1441. Pre- or corequisite: MATH 1592. Fall, spring.

2430 COLLEGE PHYSICS 3 For physics majors with a College Physics background. Continuation of PHYS 1420. Introduction to wave optics, the special theory o relativity, the foundations of quantum theory with examples and applications, atomic structure, and subatomic physics. Lecture and laboratory. Prerequisite: PHY 1420; pre- or corequisite: MATH 1592.

2443 UNIVERSITY PHYSICS 3 Part of the major core. Continuation of PHYS 1442. Introduction to optics, the special theory of relativity, the foundations of quantum theory with examples and applications, atomic structure, and subatomic physics. Lecture and laboratory. Prerequisite: PHYS 1442; pre- or corequisite: MATH 2371. Fall.

3110 JUNIOR LABORATORY 1 Part of the major core. A laboratory course that includes, but is not confined to, experiments related to upper-division physics

courses such as Mechanics, Electromagnetism, and Optics. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisite: PHYS 2443 or 2430. Fall.

3120 JUNIOR LABORATORY 2 Part of the major core. A laboratory course that includes, but is not confined to, experiments related to upper-division physics courses such as Mechanics, Electromagnetism, and Optics. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisite: PHYS 2443 or 2430. Spring.

3341 MATHEMATICAL METHODS IN PHYSICS A study of vector calculus, matrices, complex variables, series solutions to differential equations, special functions, and other areas of mathematics that are important for physics. Emphasis in all areas is placed on problems encountered in physics and their solution Lecture. Prerequisites: PHYS 1442 or 1420 and MATH 2371, 3320. Spring.

3342 MECHANICS General principles of classical mechanics with an introduction to Hamilton's principle, Lagrange's equation, and the Hamilton-Jacobi equation Lecture. Prerequisites: PHYS 1441 or 1410 and MATH 2371, 3331. Fall.

3343 THERMAL PHYSICS The fundamental principles of thermodynamics and statistical physics. Lecture. Prerequisites: PHYS 2443 or 2430 and MATH 2371. Spring.

3345 OPTICS A study of geometrical and physical optics. Topics include reflection, refraction, wave, equation, interference, diffraction, polarization, absorption and coherence. Lecture. Prerequisites: PHYS 2443 or 2430, and MATH 2371. On demand.

3353 QUANTUM THEORY 1 The physical foundation and mathematics of quantum theory; matrix and operator formalisms. Lecture. Prerequisites: PHYS 2443 o 2430, 3341. Fall.

3354 QUANTUM THEORY 2 Continuation of PHYS 3353. Approximation methods, perturbation theory, and applications to quantum systems. Lecture. Prerequisite: PHYS 3353. On demand.

3360 ELECTROMAGNETISM 1 The fundamental principles of electricity and magnetism are presented through the theory of fields. Electric and magnetic fields, their interaction with matter, and their behavior as expressed by Maxwell's equations are explored. Lecture. Prerequisites: PHYS 1442 or 1420 and MATH 2371. Fall.

3361 ELECTROMAGNETISM 2 Continuation of PHYS 3360. Propagation, reflection, refraction, and radiation of electromagnetic waves. Lecture. Prerequisite: PHY 3360. Spring.

4110 SENIOR LABORATORY Part of the major core. A laboratory course that offers diverse laboratory experiences that are more specialized than those of Junio Laboratory. Selection of experiments is adapted to the needs and program of the individual student. Involves student presentations. Requires attendance at department seminar. Prerequisites: PHYS 3110, 3120. Fall, spring.

4250 SCANNING ELECTRON MICROSCOPY AND MICROANALYSIS An elective course for biology and physics majors. Theory and practice of scanning electron microscopy and X-ray microanalysis, with training in sample preparation, examination and analysis, and imaging. Students will complete independent research projects. Prerequisites: PHYS 1420 or 1442, and permission of instructor. On demand.

4341 ADVANCED MATHEMATICAL PHYSICS Tensor analysis, integral transforms, solutions to non-linear differential equations, introduction to chaos, and oth special topics in mathematical physics. Lecture. Prerequisite: PHYS 3341. On demand.

4350 TOPICS IN THEORETICAL PHYSICS Content will vary, depending on interests of faculty and students. Examples: acoustics, astrophysics, atomic physics, condensed matter, cosmology, elementary particles, fluid mechanics, nuclear physics. May be repeated with different content. Lecture. Prerequisite: Consent of instructor.

4351 COMPUTATIONAL PHYSICS An introduction to computational techniques of solving physics problems. Lecture. Prerequisite: Consent of instructor.

4360 PHYSICS FOR SECONDARY TEACHERS Introduction to secondary-level teaching materials and laboratory techniques. Integrated lecture, discussion, workshop, laboratory format. Prerequisite: Consent of instructor.

4380 INTERNSHIP IN APPLIED PHYSICS An internship consisting of approximately 300 hours of industrial employments in which the student applies the methods of physics to real-world situations. May be repeated. Prerequisites: PHYS 3110 or 3120, GPA in major of 2.5 or better, consent of department.

4103, 4203, 4303 SPECIAL PROBLEMS IN PHYSICS May consist of problem solving, library research, and/or laboratory work. Student may register for 1 to 4 hours each semester. May be repeated with change of content. Fall, spring, summer.

4104, 4204, 4304 SPECIAL PROBLEMS IN ASTRONOMY May consist of problem solving, library research, and/or laboratory work. Student may register for 1 t 4 hours each semester. May be repeated with change of content. Fall, spring, summer.