

Academic Map: Exercise Science

Department: Exercise and Sport Science **Degree:** BS¹
Program/Major: Exercise Science
Track/Emphasis: _____
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <https://uca.edu/ubulletin/general-policies-information/uca-core/>
LD UCA Core Check Sheet: <https://uca.edu/academicbulletins/ld-uca-core/>
UD UCA Core Course List: <https://uca.edu/academicbulletins/ud-uca-core/>
Degree Requirements: <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>
Program Description: <https://uca.edu/ubulletin/colleges-departments/ch/exss/>
Course Descriptions: <https://uca.edu/ubulletin/courses/>

This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (https://uca.edu/academicbulletins/ld-uca-core/) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](https://uca.edu/academicbulletins/acts/) takes the user to the *Undergraduate Bulletin's* ACTS page (https://uca.edu/academicbulletins/acts/) for additional information and a UCA-ACTS crosswalk.

Scholarship recipients: Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 2.

Year 1

Fall – Semester 1 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing	3	ENGL1013
EXSS	1320	Foundations of Wellness (FYS, if possible) ³	3	
BIOL	1400 1440	Exploring Concepts in Biology or Principles of Biology (LD UCA Core: Life Science) ⁴	4	BIOL1004 BIOL1014
PSYC	1300	General Psychology (LD UCA Core: Inquiry/Analysis [SS])	3	PSYC 1103
MATH	1390	College Algebra or Approved higher-level mathematics course	3	MATH1103 core link

Spring – Semester 2 (Credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG ENGL	1320 1320	Academic Writing and Research or Interdisciplinary Writing and Research or Other approved alternative (LD UCA Core: Writing/Research)	3	ENGL1023 ENGL1023 core link
COMM	1300	Principles of Communication or Approved alternative (LD UCA Core: Oral Communication)	3	SPCH1003 core link

SUBJ	NUM	TITLE	SCH	ACTS
		LD UCA Core: Physical Science ⁵	4	core link
EXSS	1310	Introduction to Exercise Science	3	
		LD UCA Core: Diversity/Creative Works or LD UCA Core: Inquiry/Analysis, FA/HUM ⁶	3	core link

Year 2**Fall – Semester 3 (Credit hours: 16)**

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	2340	Motor Development and Learning	3	
EXSS	2381	Anatomical Kinesiology	3	
		Related Requirement ⁷	4	
		LD UCA Core: Inquiry/Analysis, American History/Government	3	core link
		LD UCA Core: Diversity/Creative Works or LD UCA Core: Inquiry/Analysis, FA/HUM ⁶	3	core link

Spring – Semester 4 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3303	Exercise Physiology	3	
EXSS	2320	Fitness Assessments in Exercise Science	3	
HLTH	2201	First Aid	2	
		Related Requirement ⁷	4	
		LD UCA Core (Diversity/World Cultures [SS only]) ⁸	3	core link

Year 3**Fall – Semester 5 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3331	Care and Prevention of Exercise and Sports Injuries	3	
EXSS	3348	Exercise Prescription for General Populations (UD UCA Core: R)	3	
NUTR	1300	Foundations of Nutrition	3	
		Psychology Requirement ⁹	3	
		Major Elective ¹⁰	3	

Spring – Semester 6 (Credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	4395	Sport in American Society (UD UCA Core: D)	3	
EXSS	3350	Obesity Prevention and Management	3	
		Nutrition Requirement ¹¹	3	
EXSS	4323	Group Exercise Leadership	3	
		Major Elective ¹⁰	3	

Year 4**Fall – Semester 7 (Credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3382	Biomechanics (UD UCA Core: I)	3	

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	3352	Exercise Prescription for Special Populations	3	
EXSS	4351	Sport and Fitness Administration (UD UCA Core: C)	3	
		Statistics Requirement ¹²	3	
EXSS	4376	Exercise Prescription for Athletic Populations	3	

Spring – Semester 8 (Credit hours: 12)

SUBJ	NUM	TITLE	SCH	ACTS
EXSS	4320	Measurement and Evaluation in Human Performance (UD UCA Core: Z)	3	
EXSS	3353	Exercise Prescription for Senior Populations	3	
EXSS	4V99	Internship in Exercise Science ¹³	3	
		Major Elective ¹⁰	3	

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. _____ **No** _____ **Yes**

If “yes,” specify: _____

Notes

¹ A major grade point average of 2.0 or higher on a 4.0 scale is required to complete the degree.

² See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

³ It is recommended that students complete an FYS section of EXSS 1320. If an FYS section of the course is not available, students may complete a non-FYS section of EXSS 1320. Students should consult with their advisor to ensure that they complete an FYS section of a course from either Critical Inquiry courses or Social Science courses (designated SS) within Diversity/World Cultures.

⁴ Must be animal biology, not botany. Note: BIOL 1440 requires the following prerequisites: High School chemistry or CHEM 1301 (or above) and a composite ACT score of 21 or higher OR BIOL 1400 and 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.

⁵ Students must complete one of the following Physical Science courses as part of the lower-division UCA Core: CHEM 1402, CHEM 1450, or PHYS 1400. For those students interested in pursuing professional degrees after graduation (e.g., AT, OT, and PT), it is recommended to determine and select the required prerequisite for admission to the particular professional degree program. CHEM 1402 and 1450 require the following prerequisites: ACT mathematics score of at least 21 or corequisite/prerequisite of MATH 1390. It is recommended that students have taken and passed high school chemistry or have completed CHEM 1301 with a C or better.

⁶ Students must complete at least one Humanities (HUM) and one Fine Arts (FA) course as part of the lower-division UCA Core, one from the Diversity in Creative Works category and the other from the Critical Inquiry, Fine Arts/Humanities category. One course must be completed in the second semester and the other course must be completed in the third semester. Note

Notes – *continued*

that the following humanities courses have prerequisites: CHIN 2320 Intermediate Chinese II, FREN 2320 Intermediate French II, GERM 2320 Intermediate German II, SPAN 2320 Intermediate Spanish III.

⁷ Students must complete a sequence of Human Anatomy and Physiology courses: BIOL 1410 and BIOL 2410 or BIOL 3406 and 3407.

⁸ In addition to PSYC 1300 General Psychology, students must complete an additional Social Science course (designated SS) in the Diversity in World Cultures category of the LD UCA Core. Students in consultation with their advisor should refer to the current *Undergraduate Bulletin* and the UCA Lower Division General Education Check Sheet in selecting an appropriate SS course.

⁹ Students select one of the following courses to satisfy the psychology requirement: PSYC 2370, PSYC 3370, or PSYC 4320. It is recommended that students interested in the BS in Exercise Science program complete PSYC 3370.

¹⁰ Students are required to complete three courses from the following elective pool: FACS 2341, HLTH 3325, HLTH 4300, HLTH 4303, MGMT 2341, MGMT 3305, MGMT 3310, and MKTG 2350.

¹¹ Students select one of the following courses to satisfy the nutrition requirement: NUTR 3370 or NUTR 4315. It is recommended that students in the BS in Exercise Science program complete NUTR 4315.

¹² Students select one of the following courses to satisfy the statistics requirement: MATH 2311, PSYC 2330, or SOC 2321.

¹³ Students must have current CPR/First Aid Certification prior to enrolling in and during EXSS 4V99 Internship in Exercise Science.