

Program Completion Plan (Four Years with Summers)

Department: Teaching and Learning **Degree:** BSE
Program/Major: Middle Level Education
Track/Emphasis: Math + Science
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <http://uca.edu/ubulletin2014/general-policies-information/uca-core/>
Degree Requirements: <http://uca.edu/ubulletin2014/general-policies-information/degree-requirements/>
Program Description: <http://uca.edu/ubulletin2014/colleges-departments-programs/college-of-education/department-of-teaching-and-learning/>
Course Descriptions: <http://uca.edu/ubulletin2014/courses/>

This degree program requires a total of **122** 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](http://uca.edu/go/ubulletin2014-ldcore/) (http://uca.edu/go/ubulletin2014-ldcore/) takes the user to the *Undergraduate Bulletin's* UCA Core page, where UCA Core options and ACTS course numbers are listed in full; an [acts link](http://uca.edu/go/acts/) takes the user to the *Undergraduate Bulletin's* ACTS page (http://uca.edu/go/acts) for additional information and a full UCA-ACTS crosswalk.

Year 1

Fall – Semester 1 (credit hours: **16**)

SUBJ	NUM	TITLE	SCH	ACTS
MATH	1390	College Algebra (Critical Inquiry: Quantitative)	3	MATH1103
WRTG	1310	Introduction to College Writing (Communication: Writing Foundation)	3	ENGL1013
EDUC	1300	Education as a Profession ¹	3	
BIOL	1400	Biology for General Education (Critical Inquiry: Life Science)	4	BIOL1004
		UCA Core (Critical Inquiry: Inquiry and Analysis: Fine Arts or Humanities) ²	3	core link

Spring – Semester 2 (credit hours: **16**)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG or ENGL	1320 or 1320	UCA Core: Communication: Research and Writing: Academic Writing & Research or Interdisciplinary Writing & Research or Other approved alternative	3	ENGL1023 ENGL1023
MATH	3351	Number Systems for Elementary and Middle School Teachers	3	
SPCH	1300	Basic Oral Communication (Communication: Oral Communication)	3	SPCH1003
PHYS	1400	Physical Science for General Education (Critical Inquiry: Physical Science)	4	PHSC1004
		UCA Core (Critical Inquiry: Inquiry and Analysis: American History and Government) ²	3	core link

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

SUBJ	NUM	TITLE	SCH	ACTS
MATH	3364	Concepts of Geometry	3	
MATH	3354	Concepts of Discrete Mathematics	3	
PHYS	1401	Descriptive Astronomy	4	PHSC1204
		UCA Core (Responsible Living) ²	3	core link
		UCA Core (Diversity: Diversity in World Cultures) ²	3	core link

Spring – Semester 4 (credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
MATH	4320	Concepts of Calculus	3	
CHEM	1400	Chemistry in Society	4	CHEM1004
MSIT	3310	Development and Learning ³	3	
		UCA Core (Critical Inquiry: Inquiry and Analysis: Social Science) ²	3	core link
		UCA Core (Diversity: Diversity in Creative Works) ²	3	core link

Year 3**Fall – Semester 5 (credit hours: 16)**

SUBJ	NUM	TITLE	SCH	ACTS
MATH	4335	Concepts of Advanced Mathematics	3	
SCI	3320	Advanced Science Concepts I	3	
HIST	4355	The Role of Arkansas in the Nation	3	
MSIT	3320	Introduction to Teaching at the Middle Level ³	3	
SCI	3410	Earth Science	4	

Spring – Semester 6 (credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
MATH	4314	Applications of Middle Level Mathematics	3	
SCI	4420	Advanced Science Concepts II	4	
EDUC	3322	Diverse Learners in Inclusive Settings ⁴	3	
EDUC	4210	Integration of Technology into Teaching and Learning	2	
MSIT	4325	Disciplinary Literacy	3	

Year 4**Fall – Semester 7 (Credit hours: 15)⁵**

SUBJ	NUM	TITLE	SCH	ACTS
MSIT	4305	Classroom Management	3	
MSIT	4312	Strategies for Reading and Writing Assessment and Instruction	3	
MSIT	4320	Classroom Assessment	3	
MSIT	4328	Advanced Strategies for Teaching and Learning in Middle Level Content-Specific Classrooms	3	
MSIT	4311	Internship I	3	

Spring – Semester 8 (Credit hours: 12)⁶

SUBJ	NUM	TITLE	SCH	ACTS
MSIT	4612	Internship II	6	
MSIT	4613	Internship II	6	

Notes

¹ Field experience hours required. See admission to teacher education requirements. Take Praxis I. Pass technology competency exam or take EDUC 1240 during the first year.

² See appropriate choices, alternatives, or substitutions under "UCA Core" in the *Undergraduate Bulletin*. During the first year, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living. The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the UCA Core.

³ Field experience hours required.

⁴ Must be admitted to teacher education and field experience hours required.

⁵ Must be admitted to teacher education to enroll in courses listed in this semester and field experience hours required in some courses. Take required Praxis II content exam(s).

⁶ Must be admitted to teacher education to enroll in courses listed in this semester and field experience hours required. Take required Praxis II pedagogy exam.