

## Academic Map: Middle-Level Education, Science + Social Studies

**Department:** Teaching and Learning **Degree:** BSE  
**Program/Major:** Middle-Level Education  
**Track/Emphasis:** Science + Social Studies  
**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-programs/college-of-education/department-of-teaching-and-learning/>  
**Course Descriptions:** <https://uca.edu/ubulletin/courses/>

This degree program requires a total of **121** 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* UCA Lower-Division Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](#) 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 <sup>1</sup>.

### Year 1

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

SUBJ	NUM	TITLE	SCH	ACTS
MATH	1390	College Algebra (LD UCA Core: Quantitative)	3	<a href="#">MATH1103</a>
WRTG	1310	Introduction to College Writing (LD UCA Core: Writing Foundation)	3	<a href="#">ENGL1013</a>
EDUC	1300	Education as a Profession <sup>2</sup>	3	
BIOL	1400	Exploring Concepts in Biology or Approved alternative (LD UCA Core: Life Science) <sup>3</sup>	4	<a href="#">BIOL1004</a> <a href="#">core link</a>
		LD UCA Core: Inquiry/Analysis, Fine Arts/Humanities	3	<a href="#">core link</a>

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

SUBJ	NUM	TITLE	SCH	ACTS
WRTG ENGL	1320 1320	Academic Writing & Research or Interdisciplinary Writing & Research or Other approved alternative (LD UCA Core: Research/Writing)	3	<a href="#">ENGL1023</a> <a href="#">ENGL1023</a> <a href="#">core link</a>

SUBJ	NUM	TITLE	SCH	ACTS
COMM	1300	Principles of Communication [formerly SPCH 1300] <sup>4</sup> (LD UCA Core: Oral Communication)	3	SPCH1003
PHYS	1400	Physical Science for General Education (LD UCA Core: Physical Science)	4	PHSC1004
HIST	2301	The Making of America: US History to 1877 (LD UCA Core: American History/Government)	3	HIST2113
		LD UCA Core: Diversity/Creative Works	3	<a href="#">core link</a>

## Year 2

### Fall – Semester 3 (credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
GEOG	1305	Principles of Geography	3	GEOG1103
PHYS SCI GEOG	1401 3410 1400	Descriptive Astronomy or Earth Science or Earth Systems Science	4	PHSC1204
PSCI	1330	United States Government and Politics	3	PLSC2003
HIST	1310	Mummies-Mongols: World History I (LD UCA Core: Diversity/World Cultures)	3	HIST1113
		LD UCA Core: Responsible Living (suggested: EDUC 2330)	3	<a href="#">core link</a>

### Spring – Semester 4 (credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
ECON	2320	Principles of Macroeconomics	3	ECON2103
HIST	2302	America in the Modern Era: US History since 1877	3	HIST2123
MSIT	3310	Development and Learning <sup>5</sup> (UD UCA Core: D, R)	3	
CHEM	1450	College Chemistry I	4	CHEM1004
		LD UCA Core: Inquiry/Analysis, Social Science (suggest ECON 2320, ECON 2321, SOC 1300, OR PSYC 1300)	3	<a href="#">core link</a>

## Year 3

### Fall – Semester 5 (credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
SCI	3320	Advanced Science Concepts I (fall only)	3	
SCI	4314	Application of Middle Level Science (fall only)	3	
HIST	2320	Introduction to Historical Research	3	
HIST	1320	Galileo-Gandhi: World History II	3	HIST1123
MSIT	3320	Introduction to Teaching at the Middle Level Education <sup>5</sup> (must be completed prior to Gate 1 admission to teacher education)	3	

### Spring – Semester 6 (credit hours: 15)

SUBJ	NUM	TITLE	SCH	ACTS
SCI	4420	Advanced Science Concepts II (spring only)	4	
HIST	3310	Social Science Concepts in Arkansas History	3	
MSIT	4325	Disciplinary Literacy (UD UCA Core: C)	3	
EDUC	3322	Diverse Learners in Inclusive Settings <sup>6</sup>	3	

SUBJ	NUM	TITLE	SCH	ACTS
EDUC	4210	Integration of Technology into Teaching and Learning <sup>7</sup>	2	

#### Year 4

##### Fall – Semester 7 (Credit hours: 15)<sup>8</sup>

SUBJ	NUM	TITLE	SCH	ACTS
MSIT	4305	Classroom Management	3	
MSIT	4312	Strategies for Reading and Writing Assessment and Instruction	3	
MSIT	4321	Classroom Assessment (UD UCA Core: I)	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)<sup>9</sup>

SUBJ	NUM	TITLE	SCH	ACTS
MSIT	4612	Internship II (UD UCA Core: Z)	6	
MSIT	4613	Internship II (UD UCA Core: Z)	6	

#### Notes

<sup>1</sup> 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/>.

<sup>2</sup> Field experience hours required. Refer to College of Education Office of Candidate Services website (<http://uca.edu/ocs/>) for teacher education admission requirements.

<sup>3</sup> 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.

<sup>4</sup> COMM 1300 and SPCH 1300 are the same course. Take only one of them.

<sup>5</sup> Field experience hours required.

<sup>6</sup> Must be admitted to teacher education and field experience hours required.

<sup>7</sup> Must be admitted to teacher education.

<sup>8</sup> 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).

<sup>9</sup> 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.