

Academic Map: Environmental Science, Planning and Administration

Department: Geography **Degree:** BS
Program/Major: Environmental Science
Track/Emphasis: Planning and Administration
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/programs-by-program/interdisciplinary/environmental-science/>
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/) (<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 ¹.

Year 1

Fall – Semester 1 (credit hours: 17)

SUBJ	NUM	TITLE	SCH	ACTS
WRTG	1310	Introduction to College Writing	3	ENGL1013
GEOG	1305	Principles of Geography ² (LD UCA Core: Inquiry/Analysis, Social Science; FYS)	3	GEOG1103
GEOG	1400	Earth Systems Science (LD UCA Core: I)	4	PHSC 1104
BIOL	1440	Principles of Biology I	4	BIOL1014
MATH	1390	College Algebra	3	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: Research/Writing) ³	3	ENGL1023 ENGL1023 core link
GEOG	3325 3371	Urban and Regional Planning ⁴ (UD UCA Core: R) or Urban Geography ⁴ (UD UCA Core: I)	3	
BIOL	1441	Principles of Biology II	4	

SUBJ	NUM	TITLE	SCH	ACTS
PSCI	1330	United States Government and Politics ⁵	3	core link
GEOG	2331	Research Methods in Geography	3	

Year 2**Fall – Semester 3 (credit hours: 17)**

SUBJ	NUM	TITLE	SCH	ACTS
		LD UCA Core	3	core link
GEOG	2475	Cartography	4	
GEOG	2330	Quantitative Methods in Geography ⁶	3	
CHEM	1450	College Chemistry I	4	
PADM	2310	Introduction to Public Administration and Policy	3	

Spring – Semester 4 (credit hours: 17)

SUBJ	NUM	TITLE	SCH	ACTS
		LD UCA Core	3	core link
		LD UCA Core	3	core link
GEOG	3403	Introduction to Geographic Information Systems (UD UCA Core: I)	4	
CHEM	1451	College Chemistry II	4	
		Major Elective	3	

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

SUBJ	NUM	TITLE	SCH	ACTS
GEOG	3301	Conservation of Natural Resources (UD UCA Core: R)	3	
ENVR	3410	Environmental Theory and Application (UD UCA Core: D, C)	4	
GEOG	3333	Geography of Natural Hazards (UD UCA Core: R) or Major Elective	3	
		LD UCA Core	3	core link
GEOG	3319	Geographic Field Techniques	3	

Spring – Semester 6 (credit hours: 16)

SUBJ	NUM	TITLE	SCH	ACTS
GEOG	3318	Biogeography or Major Elective	3	
BIOL	3403	General Ecology (UD UCA Core: I)	4	
HIST	4301	American Environmental History (UD UCA Core: C, R)	3	
WRID	3310	Technical Writing (UD UCA Core: C)	3	
		Major Elective	3	

Year 4**Fall – Semester 7 (Credit hours: 12)**

SUBJ	NUM	TITLE	SCH	ACTS
PSCI	3320	Environmental Policy (UD UCA Core: R, I)	3	
		LD UCA Core	3	core link

SUBJ	NUM	TITLE	SCH	ACTS
		Major Elective	3	
		Major Elective	3	

Spring – Semester 8 (Credit hours: 9)

SUBJ	NUM	TITLE	SCH	ACTS
ENVR	4410	Practicum in Environmental Science (UD UCA Core: Z)	4	
		LD UCA Core	3	core link
		General Elective	2	

 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 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/>.

² Various lower-division UCA Core courses are offered as First Year Seminars (FYS), but it is recommended the student take Principles of Geography, as it will prepare them for several of the upper-level courses.

³ 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. An approved UCA Core lab science and an approved UCA Core math course should be taken in the first two semesters if possible.

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. See entries in this Academic Map for courses within the major that fulfill the UD UCA Core requirements.

⁴ Satisfies Planning and Administration Core requirement or a Planning and Administration Elective

⁵ The student should take PSCI 1330 (rather than HIST 2301 or 2302) in the American History/Government category, since it is a prerequisite for one PADM and one PSCI course later in the program.

⁶ Preference is for GEOG 2330; credit for only one introductory statistics course allowed. Approved introductory statistics courses include GEOG 2330, MATH 2311, PSCI 2312, PSYC 2330, CISA 2330, and SOC 2321. Students must complete a 1000-level MATH course before enrolling in GEOG 2330.