

Program Completion Plan (Eight Semester Plan)

Department: Biology **Degree:** BS
Program/Major: Environmental Science
Track/Emphasis: Biology
Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <http://uca.edu/ubulletin2013/general-policies-information/uca-core/>
Degree Requirements: <http://uca.edu/ubulletin2013/general-policies-information/degree-requirements/>
Program Description: <http://uca.edu/ubulletin2013/colleges-departments-programs/interdisciplinary-programs/environmental-science>
Course Descriptions: <http://uca.edu/ubulletin2013/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](http://uca.edu/go/ubulletin-ldcore/) (<http://uca.edu/go/ubulletin-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: 15)

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	1440	Principles of Biology I	4	BIOL1014
CHEM	1450	College Chemistry I	4	CHEM1414
MATH	1491 or 1496 or 2311	Applied Calculus for Life Sciences ¹ or Calculus I ¹ or Statistical Methods I ¹	4 4 3	MATH2405 MATH2103
WRTG	1310	Introduction to College Writing	3	ENGL1013
		General Elective	0 - 1	

Spring – Semester 2 (credit hours: 17)

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	1441	Principles of Biology II	4	
CHEM	1451	College Chemistry II	4	CHEM1424
WRTG	1320	Academic Writing and Research	3	ENGL1023
GEOG	1315	Introduction to Physical Geography	3	GEOG2223
		Lower Division UCA Core Requirement ²	3	core link

Year 2**Fall – Semester 3 (credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	2490	Genetics	4	
CHEM	2401	Organic Chemistry I	4	
MATH	1491 or 1496 or 2311	Applied Calculus for Life Sciences or Calculus I or Statistical Methods I	4 4 or 3	MATH2405 MATH2103
GEOG	3301	Conservation of Natural Resources	3	
		General Elective	0 - 1	

Spring – Semester 4 (credit hours: 14)

SUBJ	NUM	TITLE	SCH	ACTS
BIOL	3403	Ecology ³	4	
BIOL		Taxonomic Elective ^{4,5}	4	
		Lower Division UCA Core Requirement	3	core link
		Lower Division UCA Core Requirement	3	core link

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

SUBJ	NUM	TITLE	SCH	ACTS
BIOL		Taxonomic Elective	4	
BIOL		Theory Elective	4	
BIOL		Biology Track Elective	4	
		Lower Division UCA Core Requirement	3	core link

Spring – Semester 6 (credit hours: 17)

SUBJ	NUM	TITLE	SCH	ACTS
ENVR	3410	Environmental Theory and Application	4	
BIOL		Theory Elective	4	
		Biology Track Elective	3	
		Lower Division UCA Core Requirement	3	core link
		Lower Division UCA Core Requirement	3	core link

Year 4**Fall – Semester 7 (Credit hours: 17)**

SUBJ	NUM	TITLE	SCH	ACTS
ENVR	4410	Environmental Practicum	4	
		Biology Track Elective	4	
PSCI	3320	Environmental Policy and Regulation	3	
		Lower Division UCA Core Requirement	3	core link
		General Elective	3	

Spring – Semester 8 (Credit hours: 14)

SUBJ	NUM	TITLE	SCH	ACTS
		Biology Track Elective	4	
		Upper Division Core or Capstone ⁶	3	
		Upper Division Core Requirement	3	
		Upper Division Core Requirement	3	
		General Elective	1	

 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 MATH 1390 or equivalent is required to enroll in MATH 1491 or MATH 2311. A “C” or better in MATH 1390 and a “C” or better in MATH 1392, or a “C” or better in MATH 1580, or equivalent is required to enroll in MATH 1496.

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 courses designated as fulfilling the upper-division and capstone requirements of the UCA Core.

³ BIOL 3403, General Ecology, is pending approval to satisfy the Upper Division Critical Inquiry (I) and Communication (C) requirements of the UCA Core. If BIOL 3403 is not approved, the student must use general elective credit hours to meet these requirements.

⁴ These courses cannot be from the same taxonomic grouping (vertebrate, invertebrate, plant).

⁵ This degree requires 31 hours of Biology elective courses, including taxonomic, theory, and track electives. The PCP is designed with the minimum number of courses required to meet degree requirements. However, students may elect to take Biology elective courses that are not lab classes. The student must take a **minimum** of 4 Biology elective lab courses (16 credit hours). The remaining 15 hours of Biology elective courses may be any approved Biology elective course. See appropriate choices under the "Environment Science" Interdisciplinary Program in the *Undergraduate Bulletin*.

⁶ If students combine the Upper Division Core Diversity (D) and Responsible Living (R) requirement into one course or if Biology elective courses are used in place of the Upper Division Core or Capstone requirements, these courses must be replaced with general electives in order to meet the minimum 120-credit hours required for graduation.