

SAMPLE DEGREE PLAN

Bachelor of Science, Environmental Science, Biology

This degree program requires a total of **120 credit hours (CH)**, including 38 credit hours of the lower-division (LD) UCA Core and 40 credit hours of upper-division (3000- and 4000-level) courses. This sample degree plan demonstrates how a first-time entering freshman with no college credit can earn the degree in eight semesters. The upper-division UCA Core must be met using major, minor, or general elective courses. For general and specific degree requirements, please see the *Undergraduate Bulletin* at <https://uca.edu/ubulletin>. Consult your academic advisor for appropriate substitutions and additional information.

This degree is offered as an eight-semester degree completion program. Eligible students who follow this degree plan and complete all general and specific degree requirements in the *Undergraduate Bulletin* of the year in which they were admitted will earn this degree in eight semesters. For eligibility requirements, see <https://uca.edu/ubulletin/degreeplans/> for more information.

Year 1

Fall — Semester 1		Spring — Semester 2	
Courses	CH	Courses	CH
WRTG 1310 Introduction to College Writing or Other approved Writing Foundation alternative	3	WRTG 1320 Academic Writing & Research or ENGL 1320 Interdisciplinary Writing & Research or Other approved Research and Writing alternative	3
MATH 1390 College Algebra (if needed) or MATH 2311 Elementary Statistics ¹ or LD UCA Core First Year Seminar	3	MATH 2311 Elementary Statistics ¹ (if not taken) or LD UCA Core Course	3
CHEM 1450 College Chemistry I	4	CHEM 1451 College Chemistry II	4
BIOL 1440 Principles of Biology I	4	BIOL 1441 Principles of Biology II	4
General Elective	1	LD UCA Core First Year Seminar (if not taken) or Other LD UCA Core Course	3
Total	15	Total	17

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	CH	Courses	CH
BIOL 2490 Genetics	4	BIOL 3403 General Ecology	4
CHEM 2401 Organic Chemistry I	4	Taxonomic Elective	4
GEOG 1400 Earth Systems Science	4	PSCI 1330 US Government and Politics	3
MATH 1491 Applied Calculus for Life Sciences or MATH 1496 Calculus I	4	LD UCA Core Course	3
		General Elective	1
Total	16	Total	15

¹ Or other approved introductory statistics course

Year 3

Fall — Semester 5		Spring — Semester 6	
Courses	CH	Courses	CH
ENVR 3410 Environmental Theory and Application	4	Biology Track Elective	3
GEOG 3301 Conservation of Natural Resources	3	Taxonomic Elective	4
Biology Track Elective	4	Theory Elective	4
Theory Elective	4	LD UCA Core Course	3
		LD UCA Core Course	3
Total	15	Total	17

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	CH	Courses	CH
PSCI 3320 Environmental Policy & Regulation	3	ENVR 4410 Practicum in Environmental Science	4
Biology Track Elective	3-4	Biology Track Elective	3-4
LD UCA Core Course	3	General Electives	4-5
LD UCA Core Course	3		
General Elective	0-1		
Total	13	Total	12

This sample degree plan has been approved by the Department of Biology in the College of Science and Engineering.

Brent Hill

06/04/25

SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR

DATE

Stephen Addison

06/04/25

SIGNED – COLLEGE DEAN

DATE