BIOLOGY B.S.

University of Colorado Colorado Springs

ACADEMIC ADVISING

Partnering with students to successfully navigate college
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GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements
- 120 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.0 CU cumulative GPA
- Residency: Last 30 credit hours of degree must be completed while registered in the College of Letters, Arts, and Sciences at UCCS

Student Responsibilities
Students are required to know and follow:
- All academic policies set forth by the University, College, and academic department in the UCCS Catalog: catalog.uccs.edu
- All course prerequisites designated by the University. Failure to meet course prerequisites may result in an administrative drop of the course from a student's schedule. See degree audit for course prerequisites within the academic major.

DEGREE REQUIREMENTS

Explore Biology: Undergraduate | Department of Biology (uccs.edu)

Major Requirements

Biology Major
(38 hours)

- Requires a minimum of 38 credit hours of BIOL course work
- Requires a minimum of 30 credit hours of upper-division (3000+ level) BIOL course work.
- All major courses require a "C-" or better

Course/Area	Course Title	Credit Hours
BIOL 1300/1310	General Biology: Organismic Biology and Lab	4
BIOL 1350/1360	General Biology: Introduction to the Cell and Lab	4
BIOL 3000	Biostatistics	3
BIOL 3020	Cell Biology	3
BIOL 3700	General Ecology	3
BIOL 3830	Genetics	3
BIOL 4250	Evolution	3
Upper-Division Biology Electives	*Complete 15 hours of upper-division (3000+ level) Biology Electives that may include PHIL 4410 (Philosophy of Biology), HPNU 3050 (Human Anatomy), or HPNU 3060 (Human Physiology).* One Summit/Capstone Experience from the following list of courses must be included in these upper-division electives: BIOL 3750, BIOL 4010, BIOL 4610, BIOL 4670, BIOL 9499 **NOTE:** A maximum of 6 credit hours of Undergraduate Research (BIOL 9499), Independent Study (BIOL 9400), **OR** Externships (BIOL 4710) may count towards the major.	15
Auxiliary Requirements		
CHEM 1401/1402	General Chemistry I and Lab I	5
CHEM 1411/1412	General Chemistry II and Lab II	5
CHEM 3101/3102	Organic Chemistry I and Lab I	4
CHEM 3111/3112	Organic Chemistry II and Lab II	4
MATH 1330 **OR** MATH 1350	Calculus for Life Sciences Calculus I	4
Physics	*Complete either the algebra- or calculus-based Physics sequence* Algebra-Based Sequence: PES 1010, PES 1020, PES 1150, PES 2150 Calculus-Based Sequence: PES 1110, PES 1120, PES 1160, PES 2160 **NOTE:** The Calculus-based sequence requires MATH 1350 be taken as the Calculus option	10

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General Education and Elective Requirements

Core Writing Requirement (6 hours)	• ENGL 1310, 1308, or 1305 *(Students choosing ENGL 1305 must complete ENGL 1300 first.)* • ENGL 1410 • PORT 3000 (0 Credits) – Writing Portfolio
Reasoning Skills (4 hours)	• MATH 1330 or 1350 • BIOL 3000
Area Requirements (28 hours) • Maximum 2 courses from any one discipline may be applied to the area requirements • Courses may not be taken pass/fail	• Humanities – 9 credit hours of which 3 credits must be HUM 3990. • Social Sciences – 9 credit hours • Natural Sciences – 10 credit hours as listed in auxiliary requirements - CHEM 1402, 1411, and 1412, PES 1010 **NOTE:** Cannot select courses from primary major courses for area requirements.
Oral Communication, Cultural Diversity, and Global Awareness Requirements	One course from each list (see degree audit). *All courses that fulfill these requirements may also count towards other general education or major requirements.*

Compass Curriculum (9 hours)
- Explore and Navigate courses must be outside major and area requirements
- Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree

Component	Course
Gateway	GPS 1010
Explore – Arts, Humanities and Cultures	See Degree Audit
Explore – Society, Behavior and Health	See Degree Audit
Explore – Physical and Natural World	CHEM 1401 (included in auxiliary requirements)
Navigate	HUM 3990 (included in LAS area requirements)
Summit	BIOL Summit Experience course (included in major requirements)
Writing Intensive Courses (WIC) *Two courses with one upper-division (3000+ level)*	• HUM 3990 (included in LAS area requirements) • See Degree Audit
Inclusiveness	See Degree Audit
Sustainability	BIOL 3700

General Electives (27 hours)	Complete additional courses to meet total and upper-division requirements for your degree program.

FOUR-YEAR DEGREE PLAN

Please note that this is an *example* degree program and your program may vary. **Students are responsible for completing all course prerequisites.**

	√	FALL	Hours	√	SPRING	Hours
Year One		ENGL 1310	3		ENGL 1410	3
		BIOL 1300/1310	4		BIOL 1350/1360	4
		GPS 1010	3		MATH 1330	4
		CHEM 1401/1402	5		CHEM 1411/1412	5
		TOTAL	15		**TOTAL**	16

	√	FALL	Hours	√	SPRING	Hours
Year Two		BIOL 3830	3		BIOL 3020	3
		CHEM 3101/3102	4		BIOL 3700	3
		PES 1010/1150	5		CHEM 3111/3112	4
		Explore – Society, Behavior & Health Course	3		PES 1020/2150	5
		TOTAL	15		**TOTAL**	15

	√	FALL	Hours	√	SPRING	Hours
Year Three		BIOL 3000	3		UD BIOL Elective	3
		BIOL 4250	3		UD BIOL Elective	3
		Upper Division (UD) BIOL Elective	3		Humanities Elective	3
		Explore – Arts, Humanities & Cultures Course	3		Social Science Elective	3
		General Elective *(Oral Communication)*	3		General Elective *(Global Awareness/Inclusiveness)*	3
		TOTAL	15		**TOTAL**	15

	√	FALL	Hours	√	SPRING	Hours
Year Four		HUM 3990	3		UD BIOL Elective (Summit/Capstone Experience)	3
		Social Science Elective	3		Humanities Elective	3
		General Elective *(Cultural Diversity)*	3		Social Science Elective	3
		General Elective *(Writing Intensive)*	4		UD General Elective	4
		UD BIOL Elective	3			
		TOTAL	16		**TOTAL**	13