

ACADEMIC ADVISING

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GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

- 127 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.0 CU cumulative GPA
- Residency: At least 30 credit hours of the 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](http://www.uccs.edu/undergraduate/departments/biology) | [Department of Biology \(uccs.edu\)](http://www.uccs.edu/departments/biology)

Major Requirements			
Biology Major (32 hours) • Requires a minimum of 32 credit hours of BIOL course work and a minimum of 31 credit hours of auxiliary courses. • Requires a minimum of 24 credit hours of upper-division (3000+ level) BIOL course work. • All BIOL courses must have a grade of "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
	Electives	Complete 9 hours of Upper Division (3000+ level) BIOL Electives.	9
		NOTE: A maximum of 3 credit hours of Undergraduate Research (BIOL 9499), Independent Study (BIOL 9400), OR Externships (BIOL 4710) may count towards the major.	
	Auxiliary Requirements		
	ASTR 1050 or ASTR 1060	Astronomy of the Solar System or Astronomy of the Universe	3
	CHEM 1401/1402	General Chemistry I and Lab I	5
	CHEM 1411/1412	General Chemistry II and Lab II	5
	Organic Chemistry	CHEM 3001/3002 Organic Chemistry and Lab or CHEM 3101/3102 Organic Chemistry I and Lab I	5
	GEOL 1010	Physical Geology	4
	Calculus	MATH 1330 Calculus for Life Sciences or MATH 1350 Calculus I	4
	Physics	PES 1010/1150 Physics for Life Science I and Lab I (algebra-based) or PES 1110/1160 General Physics I and Advanced Lab 1 (calculus-based)	5
Secondary Education - STEM Courses			
Secondary Education - STEM Courses (37 hours) • Requires a minimum of 37 credit hours of required Education course work with grades of "B-" or better. *NOTE: UTED 1030 should be the first Education course taken in the sequence.	Education Core Courses		
	UTED 1030*	Inquiry Approaches/Lesson Plan Design for Secondary Math/Science Teaching	3
	EDUC 1000	Intro to Inclusive Education	3
	EDUC 2000	Intro to Educational Psychology	3
	EDUC 2700	Schools, Society, & Diversity	3
	EDUC 3800	ESL for Educators	3
	UTED 3020	Classroom Interactions (<i>spring only</i>)	3
	UTED 4710	Project-Based Instruction	4
	UTED 4720	Reading in the Content Area	3
	EDUC 4950	Secondary – Student Teaching	12

General Education and Elective Requirements

General Education and Elective Requirements		
Core Writing Requirement (6 hours)	- ENGL 1310, 1308, or 1305 (<i>Students choosing ENGL 1305 must complete ENGL 1300 first.</i>) - ENGL 1410 - Writing Portfolio – PORT 3000 (0 credits) or PORT 4000 (1 credit) or alternative – See Degree Audit	
Reasoning Skills	- MATH 1330 (included in auxiliary requirements) - BIOL 3000 (included in major requirements)	
Core Humanities (3 hours)	- HUM 3990 - This course also fulfills Navigate and one Writing Intensive course.	
Natural Sciences Lab	CHEM 1402 (included in auxiliary requirements)	
Oral Communication	EDUC 4950 (<i>Secondary – Student Teaching</i>)	
LAS Language other than English Requirement	Complete two semesters of a language other than English equivalent to 1010 & 1020 with high school, transfer, placement exam, or UCCS coursework. <i>Courses taken to fulfill this requirement may also count toward Compass Curriculum Explore - Arts, Humanities and Cultures or general electives. See degree audit for details.</i>	
Compass Curriculum (12 hours) - Explore and Navigate courses must be taken in departments other than the major. - Writing Intensive, Inclusiveness, and Sustainability courses may count toward other requirements within the degree.	Component	Course
	Gateway Program Seminar	GPS 1010
	Explore – Arts, Humanities and Cultures (2 courses)	See Degree Audit
	Explore – Society, Behavior and Health (2 courses)	- UTED 1030 (included in Secondary Education reqs.) - See Degree Audit
	Explore – Physical and Natural World (2 courses)	- PES 1010 (included in auxiliary requirements) - ASTR 1050 or 1060 (included in auxiliary requirements)
	Navigate	HUM 3990 (included in LAS gen ed requirements)
	Summit	EDUC 4950 (included in Secondary Education reqs.)
	Writing Intensive Courses (WIC) (2 courses) <i>Must include one upper-division (3000+ level)</i>	- HUM 3990 (included in LAS gen ed requirements) - UTED 4720 (included in Secondary Education reqs.)
	Inclusiveness (2 courses: 1 Global and 1 Local)	See Degree Audit
Sustainability	BIOL 3700 (Included in major requirements)	
General Electives (6 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.**

Year One	✓	FALL	Hours	✓	SPRING	Hours
		ENGL 1310	3		ENGL 1410	3
		BIOL 1300/1310	4		BIOL 1350/1360	4
		CHEM 1401/1402	5		CHEM 1411/1412	5
		UTED 1030	3		EDUC 2000	3
		GPS 1010	3		ASTR 1050 or ASTR 1060	3
		TOTAL	18		TOTAL	18

Year Two	✓	FALL	Hours	✓	SPRING	Hours
		CHEM 3001/3002 or 3101/3102	5		BIOL 3830	3
		GEOL 1010	4		MATH 1330 or 1350	4
		PES 1010/1150 or 1110/1160	5		EDUC 2700	3
		EDUC 1000	3		UTED 3020 (<i>spring only</i>)	3
					Explore – Society, Behavior & Health Course	3
		TOTAL	17		TOTAL	16

Year Three	✓	FALL	Hours	✓	SPRING	Hours
		BIOL 3000	3		BIOL 3700	3
		BIOL 3020	3		UD BIOL Elective	3
		Upper-Division (UD) BIOL Elective	3		UTED 4710	4
		EDUC 3800	3		HUM 3990	3
		Explore – Arts, Humanities & Cultures Course	3		Explore – Arts, Humanities & Cultures Course	3
		TOTAL	15		TOTAL	16

Year Four	✓	FALL	Hours	✓	SPRING	Hours
		BIOL 4250	3		EDUC 4950	12
		UD BIOL Elective	3			
		UTED 4720	3			
		General Elective (<i>Inclusiveness</i>)	3			
		General Elective (<i>Inclusiveness</i>)	3			
		TOTAL	15		TOTAL	12

NOTE: Students must complete all course requirements other than UTED 4730 before the final semester.