

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

Phone: 719.255.3260

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- Appointments: www.uccs.edu/advising/current-students

Prospective Students: www.uccs.edu/admissions/contact

GENERAL ACADEMIC INFORMATION

Minimum Graduation Requirements

- 126 credit hours
- 45 upper-division credit hours (3000-4999 level)
- 2.5 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.

DEGREE REQUIREMENTS

Explore Biology: [Undergraduate | Department of Biology \(uccs.edu\)](http://www.uccs.edu/undergraduate-department-of-biology)

Major Requirements				
	Course/Area	Course Title	Credit Hours	
Biology Major – Elementary Education option (32 hours) <ul style="list-style-type: none"> • Requires a minimum of 32 credit hours of BIOL course work and an additional 14 hours of auxiliary course work. • 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. 	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	<i>Complete 9 hours of Upper Division (3000+ level) BIOL Electives.</i> 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.		9
	Biology Major Auxiliary Requirements			
	CHEM 1401/1402	General Chemistry I & General Chemistry Lab I		5
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 OR PES 1110/1160 General Physics I and Advanced Lab 1		5	
Education Courses (46 hours) <ul style="list-style-type: none"> • Requires a minimum of 46 credit hours of Core course work, and an additional 16 hours of auxiliary course work. • A grade of "B-" or better must be earned in all Professional Year courses. <p>*EDUC 3800 is recommended, but not required, and if taken will increase the total hours for the degree.</p> <p>*HIST 1530 or 1540 will also fulfill an Inclusiveness course.</p>	EDUC 1000	Introduction to Inclusive Education	3	
	EDUC 2000	Introduction to Educational Psychology	3	
	EDUC 2700	Schools, Society, and Diversity	3	
	EDUC 3800*	English as a Second Language for Education	(3)	
	EDUC 3992	Introduction to Professional Year - Elementary	1	
	IELM 3900 or 3950	Field Placement I (<i>fall only</i>) or II (<i>spring only</i>)	3	
	Professional Year Courses - All other course work must be completed before starting the Professional Year. All Professional Year courses should be taken in the specific semester listed			
	IECE 4010 (Summer)	Literacy Development, Instruction, and Interventions K-Grade 3		3
	IELM 4005 (Fall/Summer)	Classroom Management and Positive Behavior		3
	IELM 4015 (Spring I)	Teaching Reading & Writing Grades 2-6		3
	IELM 4025 (Fall)	Teaching Elementary Mathematics		3
	IELM 4035 (Fall)	Teaching Elementary Science		3
	IELM 4045 (Fall)	Teaching Elementary Social Studies		3
	IELM 4900 (Fall)	Field Placement III		3
	IELM 4950 (Spring II)	Student Teaching		12
	Elementary Education Auxiliary Courses			
	Economics Course	ECON 1000, 1010, or 1050		3
ENGL 1500	Introduction to Literature for Non-Majors		3	
GES 1980 or 1990	World Regional Geography or Introduction to Human Geography		4	
*U.S. History Course	HIST 1510, 1520, 1530, or 1540		3	
PSC 1100	The American Political System		3	

General Education and Elective Requirements

Core Writing Requirement (6 hours)	<ul style="list-style-type: none"> 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 (6 hours)	<ul style="list-style-type: none"> MATH 3010 MATH 3020 																				
Core Humanities (3 hours)	<ul style="list-style-type: none"> HUM 3990 <ul style="list-style-type: none"> This course also fulfills Navigate and one Writing Intensive course. 																				
Natural Sciences Lab	<ul style="list-style-type: none"> CHEM 1402 (included in auxiliary requirements) 																				
Oral Communication	<ul style="list-style-type: none"> IELM 4950 (<i>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 (3 hours) <ul style="list-style-type: none"> 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. 	<table border="1"> <thead> <tr> <th>Component</th> <th>Course</th> </tr> </thead> <tbody> <tr> <td>Gateway Program Seminar</td> <td>GPS 1010</td> </tr> <tr> <td>Explore – Arts, Humanities and Cultures (2 courses)</td> <td> <ul style="list-style-type: none"> ENGL 1500 (included in auxiliary courses) HIST 1510, 1520, 1530, or 1540 (included in aux courses) </td> </tr> <tr> <td>Explore – Society, Behavior and Health (2 courses)</td> <td> <ul style="list-style-type: none"> EDUC 2700 (included in Education requirements) PSC 1100 (included in auxiliary courses) </td> </tr> <tr> <td>Explore – Physical and Natural World (2 courses)</td> <td> <ul style="list-style-type: none"> MATH 3010 (Included in Reasoning Skills requirement) CHEM 1401 (Included in auxiliary requirements) </td> </tr> <tr> <td>Navigate</td> <td>HUM 3990 (included in LAS gen ed requirements)</td> </tr> <tr> <td>Summit</td> <td>IELM 4950 (included in Education requirements)</td> </tr> <tr> <td>Writing Intensive Courses (WIC) (2 courses) <i>Must include one upper-division (3000+ level)</i></td> <td> <ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) IELM 4950 (included in Education requirements) </td> </tr> <tr> <td>Inclusiveness (2 courses: 1 Global and 1 Local)</td> <td> <ul style="list-style-type: none"> Global: GES 1980 or GES 1990 (included in auxiliary reqs.) Local: HIST 1530 or HIST 1540 (included in auxiliary reqs.) </td> </tr> <tr> <td>Sustainability</td> <td>BIOL 3700</td> </tr> </tbody> </table>	Component	Course	Gateway Program Seminar	GPS 1010	Explore – Arts, Humanities and Cultures (2 courses)	<ul style="list-style-type: none"> ENGL 1500 (included in auxiliary courses) HIST 1510, 1520, 1530, or 1540 (included in aux courses) 	Explore – Society, Behavior and Health (2 courses)	<ul style="list-style-type: none"> EDUC 2700 (included in Education requirements) PSC 1100 (included in auxiliary courses) 	Explore – Physical and Natural World (2 courses)	<ul style="list-style-type: none"> MATH 3010 (Included in Reasoning Skills requirement) CHEM 1401 (Included in auxiliary requirements) 	Navigate	HUM 3990 (included in LAS gen ed requirements)	Summit	IELM 4950 (included in Education requirements)	Writing Intensive Courses (WIC) (2 courses) <i>Must include one upper-division (3000+ level)</i>	<ul style="list-style-type: none"> HUM 3990 (included in LAS gen ed requirements) IELM 4950 (included in Education requirements) 	Inclusiveness (2 courses: 1 Global and 1 Local)	<ul style="list-style-type: none"> Global: GES 1980 or GES 1990 (included in auxiliary reqs.) Local: HIST 1530 or HIST 1540 (included in auxiliary reqs.) 	Sustainability	BIOL 3700
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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
		BIOL 1300/1310	4		BIOL 1350/1360	4
		CHEM 1401/1402	5		MATH 1330	4
		GPS 1010	3		EDUC 2700	3
					ECON 1000, 1010, or 1050	3
		TOTAL	15		TOTAL	17

Year Two	✓	FALL	Hours	✓	SPRING	Hours
			BIOL 3000	3		BIOL 3830
		PES 1010/1150	5		Upper-Division (UD) BIOL Elective	3
		EDUC 1000 or SPED 3001	3		EDUC 2000	3
		ENGL 1500	3		GES 1980 or GES 1990	4
		U.S. History Course (<i>Inclusiveness</i>)	3		PSC 1100	3
		TOTAL	17		TOTAL	16

Year Three	✓	FALL	Hours	✓	SPRING	Hours
			BIOL 3020	3		BIOL 3700
		BIOL 4250	3		UD BIOL Elective	3
		UD BIOL Elective	3		EDUC 3992	1
		EDUC 3900 (<i>fall only</i>) or 3950 (<i>spring only</i>)	3		IELM 4015	3
		HUM 3990	3		MATH 3020	3
		MATH 3010	3		IECE 4010 (Taken During Summer)	3
		TOTAL	18		TOTAL	13/3

Year Four	✓	FALL	Hours	✓	SPRING	Hours
			IELM 4005*	3		IELM 4950
		IELM 4025	3			
		IELM 4035	3			
		IELM 4045	3			
		IELM 4900	3			
		TOTAL	15		TOTAL	12

*IELM 4005 may also be taken with IECE 4010 during the summer after the third year.