# **BIOLOGY B.S.**

**Elementary Education Option** 



## **ACADEMIC ADVISING**

Partnering with students to successfully navigate collegeLocation:Main Hall 208Phone:719.255.3260Website:Academic Advising

### **GENERAL ACADEMIC INFORMATION**

#### Minimum Graduation Requirements

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

#### **Connect With Your Advisor**

**Current UCCS Students** 

• Appointments: <u>www.uccs.edu/advising/current-students</u> Prospective Students: <u>www.uccs.edu/admissions/contact</u>

#### 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: <u>catalog.uccs.edu</u>
- 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)

	N	lajor Requirements	
Biology Major –	Course/Area	Course Title	Credit Hours
Elementary Education option	BIOL 1300/1310	General Biology: Organismic Biology and Lab	4
(32 hours)	BIOL 1350/1360	General Biology: Introduction to the Cell and Lab	4
	BIOL 3000	Biostatistics	3
<ul> <li>Requires a minimum of 32 credit hours of BIOL course work</li> </ul>	BIOL 3020	Cell Biology	3
Requires a minimum of 24 credit	BIOL 3700	General Ecology	3
hours of upper-division (3000+ level)	BIOL 3830	Genetics	3
BIOL course work.	BIOL 4250	Evolution	3
• All BIOL courses must have a grade of "C-" or better.	Electives	Complete 9 hours of Upper Division (3000+ level) BIOL Electives.	9
	1		
Education Courses	EDUC 2000	Introduction to Educational Psychology	3
(45 hours)	EDUC 2700	Schools, Society, and Diversity	3
	EDUC 3800	English as a Second Language for Education	(3)
A grade of "B-"or better must be earned	EDUC 3900	Early School Diversity Practicum – Complete two occurrences	1/1
in all Professional Year courses.	EDUC 3992	Introduction to Professional Year - Elementary	1
EDUC 3800 is recommended, but not	SPED 3001	Introduction to Special Education	3
required, and, if taken, will increase the	or	or	
total hours for the degree.	EDUC 1000	Introduction to Inclusive Education	
total hours for the degree.		ourses - All other course work must be completed before starting the Professiona	al Year. All
		urses should be taken in the specific semester listed	-
	EDUC 4100 (Sum)	Elementary Curriculum, Instruction, & Classroom Management	3
	IECE 4010 (Sum)	Literacy Development, Instruction, and Interventions K-Grade 3	3
	IELM 4015 (Fall)	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 (Spr)	Student Teaching	12

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G	eneral Education and Elective R	equirements		
Core Writing Requirement (6 hours)	<ul> <li>ENGL 1310, 1308, or 1305 (Students choosing EN</li> <li>ENGL 1410</li> <li>PORT 3000 (0 Credits) – Writing Portfolio</li> </ul>	GL 1305 must complete ENGL 1300 first.)		
Reasoning Skills (10 hours)	<ul> <li>MATH 1330</li> <li>MATH 3010</li> <li>MATH 3020</li> </ul>			
<ul> <li>Area Requirements <ul> <li>(29 hours)</li> </ul> </li> <li>Maximum 2 courses from any one discipline may be applied to the area requirements</li> </ul>	<ul> <li>Humanities – 9 credit hours – complete HUM 3990, ENGL 1500, HIST 1510 or 1520</li> <li>Social Sciences – 10 credit hours – complete GES 1980 or 1990, PSC 1100, and one from ECON 1000, 1010, or 1050</li> <li>Natural Sciences – 10 credit hours – complete CHEM 1401, CHEM 1402, PES 1010, PES 1150 NOTE: Cannot select courses from primary major courses for area requirements.</li> </ul>			
Oral Communication, Cultural Diversity, and Global Awareness Requirements LAS Language other than English Requirement	general education or major requirements. Complete two semesters of a language other than Eng	es that fulfill these requirements may also count towards other lish equivalent to 1010 & 1020 with high school, transfer, o fulfill this requirement may also count toward Compass general electives. See dearee audit for details.		
Compass Curriculum	Component	Course		
<ul> <li>(6 hours)</li> <li>Explore and Navigate courses must be outside major and area requirements</li> <li>Writing Intensive, Inclusiveness, and Sustainability courses can count towards other requirements within degree</li> </ul>	Gateway Explore – Arts, Humanities and Cultures Explore – Society, Behavior and Health Explore – Physical and Natural World Navigate Summit Writing Intensive Courses (WIC) Two courses with one upper-division (3000+ level)	GPS 1010         See Degree Audit         EDUC 2700 (included in Education requirements)         MATH 3010 (Included in Reasoning Skills requirement)         HUM 3990 (included in LAS area requirements)         IELM 4950 (included in Education requirements)         •       HUM 3990 (included in LAS area requirements)         •       IELM 4950 (included in LAS area requirements)         •       IELM 4950 (included in Education requirements)		
	Inclusiveness	GES 1980 or GES 1990		
	Sustainability	BIOL 3700		

# 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.						
	$\checkmark$	FALL	Hours	$\checkmark$	SPRING	Hours

Dne	, [	ENGL 1310	3	ENGL 1410	3
		BIOL 1300/1310	4	BIOL 1350/1360	4
, o		CHEM 1401/1402	5	MATH 1330	4
ear	8	GPS 1010	3	Explore – Arts, Humanities & Cultures Course	3
<b>&gt;</b>	· [			HIST 1510 or HIST 1520	3
	Γ	TOTAL	15	TOTAL	17

	$\checkmark$	FALL	Hours	1	SPRING	Hours
		BIOL 3000	3		BIOL 3830	3
Š		EDUC 2000	3		Upper-Division (UD) BIOL Elective	3
L L		PES 1010/1150	5		EDUC 2700	3
ea		ENGL 1500	3		GES 1980 or GES 1990	4
>					PSC 1100	3
		TOTAL	14		TOTAL	16

	$\checkmark$	FALL	Hours	1	SPRING	Hours
		BIOL 3020	3		BIOL 3700	3
		BIOL 4250	3		UD BIOL Elective	3
ee,		UD BIOL Elective	3		SPED 3001 or EDUC 1000	3
Τr		MATH 3010	3		MATH 3020	3
<u>ن</u> _		EDUC 3900	1		EDUC 3900	1
fear		HUM 3990	3		EDUC 3992	1
					ECON 1000, 1010, or 1050	3
					EDUC 4100 & IECE 4040 (Taken During Summer)	6
		TOTAL	16		TOTAL	17/6

	1	FALL	Hours	1	SPRING	Hours
<u> </u>		IELM 4015	3		IELM 4950	12
no		IELM 4025	3			
Ľ		IELM 4035	3			
eal		IELM 4045	3			
<b>&gt;</b>		IELM 4900	3			
		TOTAL	15		TOTAL	12