# **BIOLOGY B.S.**

**Elementary Education Option** 



### **ACADEMIC ADVISING**

Partnering with students to successfully navigate college

Location:Main Hall 208Phone:719.255.3260Website:Academic Advising

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

**Current UCCS Students** 

• Appointments: <a href="www.uccs.edu/advising/current-students">www.uccs.edu/advising/current-students</a>
Prospective Students: <a href="www.uccs.edu/admissions/contact">www.uccs.edu/admissions/contact</a>

#### **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:

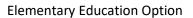
- All academic policies set forth by the University, College, and academic department in the UCCS Catalog: <u>catalog.uccs.edu</u>
- All course prerequisites designated by the University. Failure to meet course prerequisites may result in an administrative drop of the course from a student's schedule.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

#### **DEGREE REQUIREMENTS**

Explore Biology: <u>Undergraduate</u> | <u>Department of Biology (uccs.edu)</u>

Major 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					
<ul> <li>All BIOL courses must have a grade of "C-" or better.</li> </ul>	Electives	Complete 9 hours of Upper Division (3000+ level) BIOL Electives.	9					
5 5. 25ttc.:								
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 Education courses.	EDUC 3992	Introduction to Professional Year - Elementary	1					
	SPED 3001	Introduction to Special Education	3					
<b>EDUC 3800</b> is recommended, but not required, and, if taken, will increase the	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							
total hours for the degree.	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						
	IELM 4025 (Fall)	Teaching Elementary Mathematics						
	IELM 4035 (Fall)	Teaching Elementary Science						
	IELM 4045 (Fall)	Teaching Elementary Social Studies						
	IELM 4900 (Fall)	Field Placement III						
	IELM 4950 (Spr)	Student Teaching	12					

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G	ieneral Education and Elective R	equirements				
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     MATH 1330     MATH 3010     MATH 3020					
Reasoning Skills (10 hours)						
Area Requirements (29 hours)  Maximum 2 courses from any one discipline may be applied to the area requirements  Courses may not be taken pass/fail	<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</li> <li>NOTE: Cannot select courses from primary major courses for area requirements.</li> </ul>					
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	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</li> </ul>	Gateway Explore – Arts, Humanities and Cultures Explore – Society, Behavior and Health Explore – Physical and Natural World Navigate Summit	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)				
<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</li> </ul>	Gateway Explore – Arts, Humanities and Cultures Explore – Society, Behavior and Health Explore – Physical and Natural World Navigate	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)				

## **FOUR-YEAR DEGREE PLAN**

	Ple	ase note that this is an example degree program and your prog	gram may vary.	Stude		s.
Year One	1	FALL	Hours	1	SPRING	Hours
		ENGL 1310	3		ENGL 1410	3
		BIOL 1300/1310	4		BIOL 1350/1360	4
		CHEM 1401/1402	5		MATH 1330	4
		GPS 1010	3		Explore – Arts, Humanities & Cultures Course	3
>					HIST 1510 or HIST 1520	3
		TOTAL	15		TOTAL	17
	1		T			1
	1	FALL	Hours	J	SPRING	Hours
0		BIOL 3000	3		BIOL 3830	3
Year Two		EDUC 2000	3		Upper-Division (UD) BIOL Elective	3
		PES 1010/1150	5		EDUC 2700	3
) (e)		ENGL 1500	3		GES 1980 or GES 1990	4
					PSC 1100	3
		TOTAL	14		TOTAL	16
	1 ,	T FALL		. ,	CODING	T
ee.	<b>√</b>	FALL BIOL 3020	Hours	1	SPRING BIOL 3700	Hours
			3			3
	-	BIOL 4250  UD BIOL Elective	3		UD BIOL Elective SPED 3001	3
		MATH 3010	3		MATH 3020	3
ع ا	-		_			3
Year Three	-	EDUC 3900 HUM 3990	3		EDUC 3900 EDUC 3992	1
	-	HUM 3990	3			
	-				ECON 1000, 1010, or 1050	3
					EDUC 4100 (Taken During Summer)  IECE 4010 (Taken During Summer)	3
		TOTAL	16		TOTAL	17/6
		IOTAL	16	<u> </u>	TOTAL	1//6
	J	FALL	Hours	J	SPRING	Hours
		IELM 4015	3		IELM 4950	12
Year Four		IELM 4025	3			<u> </u>
		IELM 4035	3			1
		IELM 4045	3			1
		IELM 4900	3			
		TOTAL	15		TOTAL	12