

BIOLOGY: WILDLIFE & CONSERVATION BIOLOGY OPTION**Bachelor of Science (BS)**

This is a guide based on the 2023-2024 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

"Critical Courses" are **italicized and bolded**. Data shows that students who have completed this course in the first two years and have earned the noted grade are most likely to complete this program of study.

49-51 Hour Major – No Minor Required**Required Courses:**

- ___ **BI163 Evolution & Ecology (4)**
- ___ BI173 Cell & Organismal Biology (4)
- ___ **BI283 Genetics (4)**
- ___ BI389 Career Development in Biology (2)
- ___ CH184 General Chemistry I Lab (1)
- ___ CH185 General Chemistry I (3)

Choose one math course:

- ___ MA116 Precalculus A (3)
- ___ MA137 Precalculus (5)
- ___ MA139 Applied Calculus (3)
- ___ MA140 Analytical Geometry & Calculus I (5)

Choose one additional math course:

- ___ MA155 Statistical Reasoning (3)
- ___ MAxxx Additional math (for which MA116 is a prerequisite) (3)

Experiential Learning Requirement: 2 hours

- ___ BI551-553 Biology Field Studies (2)
- ___ BI563-565 Experience in Museum Curation (1-3)
- ___ BI570 Development of Instructional Materials (1)
- ___ BI582 Internship in Biology (1-3)

Wildlife and Conservation Option Required Courses:

- ___ **BI332 General Ecology (3)**
- ___ BO310 Plant Biology (4)
- ___ ZO310 Zoology (4)

Choose 6 Hours From:

- ___ BI420 Management of Wildlife Populations (3)
- ___ BI430 Management of Wildlife Habitat (3)
- ___ BI435 Conservation Biology (3)
- ___ BI440 Wetland Ecology and Management (3)
- ___ BI469 Wildlife Toxicology (3)

Biology Electives: choose at least 6 Hours not selected above

- ___ Any BI, BO, ZO, BT courses, 300 level and above (6)

Non-Biology Requirements: 3 Hours

- ___ GO110 Physical Geology (3)

General Education Requirements – some requirements

may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	BI173	4
	BI163	4	EN100	3
	CH184/CH185	4	Additional Math	3
	MA116/137/139/140	3-5	General Education	3
	General Education	3	General Education	3
	Total	15-17	Total	16
	Milestone: achieve a target cumulative GPA of 3.0			
SECOND YEAR	BI283	4	BI332	3
	General Education	3	BO310	4
	General Education	3	General Education	3
	General Education	3	General Education	3
	Elective	3	General Education	3
	Total	16	Total	16
	Milestone: achieve a target cumulative GPA of 3.0			
THIRD YEAR	BI389	2	BI420/430/435/440/469	3
	ZO310/010	4	GO110/010	3
	Biology Elective	3	Biology Elective	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Total	15	Total	15
	Milestone: achieve a target cumulative GPA of 3.0			
FOURTH YEAR	BI420/430/435/440/469	3	Elective	3
	Experiential Learning Crs	2	Elective	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Elective	3	Elective	1
	Total	14	Total	13
	Milestone: achieve a target cumulative GPA of 3.0			

A "Milestone" signifies a significant stage for a student in the completion of a degree.

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.

Revised
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2023-2024 *degree map*



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