

Ecology and Evolutionary Biology Roadmap

Program	Bachelor of Science: Ecology and Evolutionary Biology (resource management, environmental biology, pre-veterinary)
Total Credits	120
Catalog	2021-2022

The plan below is **one** of several possible ways for you to complete this degree.

Your individualized plan may look different if you have already fulfilled some requirements.

Your Financial Aid Award may require additional term credits for full-time funding.

You must complete all university and program requirements successfully to complete this degree (GPA, 120 credits, LASC, WI, residency)

Curriculum	Course	Course Title	Credits	Take When	Total Credits
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123

1st Year: Fall 2021 - Spring 2022

Core Requirement:	LASC 3	BIOL 115/115L	Organismal Biology	4	1st Fall	15
Related Requirement:	LASC 3	CHEM 150/150L	General Chemistry I + Lab	4	1st Fall	
Related Requirement:	LASC 4	MATH 127	College Algebra	3	1st Fall	
	LASC 2	SUST 200	Nature of Sustainability	3	1st Fall	
	First-Year Experience Course	FYE 101	First Year Experience	1	1st Fall	
Core Requirement:	LASC 3	BIOL 111/111L	Cell Biology	4	1st Spring	14
Related Requirement:	LASC 3	CHEM 210/210L	General Chemistry II + Lab	4	1st Spring	
	LASC 4	MATH 143	Trigonometry	3	1st Spring	
	LASC 8	BIOL 248	Introduction to Public Health	3	1st Spring	

2nd Year: Fall 2022 - Spring 2023

Core Requirement:		BIOL 341/341L	Genetics + Lab	4	2nd Fall	14
Core Requirement:		BIOL 345/345L	Principles of Ecology + Lab	4	2nd Fall	
	LASC 5/WI			3	2nd Fall	
	LASC 6			3	2nd Fall	
Restricted Elective:		BIOL 322/322L	Vertebrate Zoology + Lab	4	2nd Spring	14
Core Requirement:		BIOL 275	Quantitative Biology	4	2nd Spring	
	LASC 5			3	2nd Spring	
		GEOS 307	Introduction to GIS	3	2nd Spring	

Summer 2023:

Restricted Elective:		BIOL 490	Field Ornithology	3		3
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3rd Year: Fall 2023- Spring 2024

Restricted Elective:	WI	BIOL 372	Aquatic Biology + Lab	4	3rd Fall	14
	LASC 6			3	3rd Fall	
Related Requirement:	LASC 3	PHYS 160	Physics I with Algebra and Lab	4	3rd Fall	
	LASC 1B	ENGL 101	English Composition	3	3rd Fall	
Related Requirement:	LASC 3	PHYS 161	Physics II with Algebra and Lab	4	3rd Spring	16
Core Requirement:	WI	BIOL 478	Research Design	3	3rd Spring	
Elective:		GEOS 207	GPS Field Techniques	3	3rd Spring	
	LASC 7			3	3rd Spring	
	LASC 9			3	3rd Spring	

Summer 2024:

Core Requirement: (can be taken any semester)		BIOL 469	Internship in Biology	1		1
		BIOL 497	Research in Biology	3		3

4th Year: Fall 2024 - Spring 2025

	LASC 1A	COMM 100	Speech Communication	4	4th Fall	15
Restricted Elective:		BIOL 347/347L	Plant Physiology + Lab	3	4th Fall	
Restricted Elective:		BIOL 455	Wildlife Ecology	4	4th Fall	
Restricted Elective:		BIOL 326	MN Plant ID	3	4th Fall	
Core Requirement:		BIOL 497	Research in Biology	1	4th Fall	
Core Requirement:		BIOL 385/385L	Molecular Biology + Lab	4	4th Spring	14
Core Requirement / writing intensive:		BIOL 348	Evolutionary Biology	3	4th Spring	
Restricted Elective:		BIOL 305/305L	Botany + Lab	4	4th Spring	
	LASC 10	BIOL 335	Tropical Conservation Biology	3	4th Spring	