

Conservation Biology Fall 2025 Courses

Level: E=Elementary, I=Intermediate, A=Advanced (College of L&S Students need at least 60 credits of I/A)

Be sure to check your DARs and pre-requisites!

Questions? Contact the ConsBio Advisor, Ginny Jackson at vjackson4@wisc.edu

Course Number	Credits	Level	Course Title
Introductory Biology			
Biology/ Zoology 101	3	E	Animal Biology (Lec)
Biology/ Zoology 102	2	E	Animal Biology Lab (Lab)
Biology/ Botany 130	5	E	General Botany (Lec/Lab/Dis)
Biology/ Botany/ Zoology 151	5	E	Introductory Biology I (Lec/Lab/Dis)
Biology/ Botany/ Zoology 152	5	E	Introductory Biology II (Lec/Lab/Dis)
Biocore* 381	3	I	Evolution, Ecology and Genetics (Lec/Dis)
Biocore 382	2	I	Evolution, Ecology and Genetics Laboratory (Lab/Dis)
Biocore 485	3	I	Principles of Physiology (Lec/Dis)
Biocore 486	2	I	Principles of Physiology Laboratory (Lab/Dis)

*Biocore is an honors biology, four-semester sequence with an application process -biocore.wisc.edu

Introductory Chemistry			
Chemistry 103	4	E	General Chemistry I (Lec/Lab/Dis)
Chemistry 109	5	E	Advanced General Chemistry (Lec/Lab/Dis)

Physical Environment			
Envir St/ Geoscience 106	3	E	Environmental Geology (Lec/Dis)
Envir St/ Geography 120	3	E	Introduction to the Earth System (Lec/Dis)
Envir St/ Geography 127	5	E	Physical Systems of the Environment (Lec/Lab)
Geoscience 100	3	E	General Geology (Lec/Disc)
Geoscience 109*	3	E	Three billion years beneath your feet: Geology of the National Parks (Lec)

*Let Ginny know if you register for this class -not officially coded into DARs until July 2025.

Ecology & Evolution		2 courses from different categories	
Botany/ F&W Eco/ Zoology 460	4	I	General Ecology (Lec/Lab/Dis)-Ecology
Geoscience 110	4	E	Evolution and Extinction (Lec/Dis)-Evolution
Envir St/F&W Eco/Zoology 360	3	I	Extinction of Species (Lec/Dis)-Extinction
Anthro/ Botany/ Zoology 410	3	I	Evolutionary Biology (Lec/Dis)-Evolution

Statistics			
Statistics 240	4	I	Data Science Modeling I (Lec/Dis)
Statistics 301	3	I	Introduction to Statistical Methods (Lec/Dis)
Statistics 371	3	I	Intro Applied Statistics for Life Sciences (Lec/Dis)

Compare Statistics class options: [Statistics Intro Courses - Google Docs](#)

Species & Field Biology			
Agroecology 370	3	I	Grassland Ecology (Lec)
Botany 330	3	I	Algae (Lec/Lab)
Botany 400	4	I	Plant Systematics (Lec/Lab)
Botany/F&W Ecol 402	3	I	Dendrology (Lec/Lab)
Entom/ Zoology 302	4	I	Introduction to Entomology (Lec/Lab)

Entom/ Zoology 331	4	I	Taxonomy of Mature Insects (Lec/Lab)
Envir St 400:003*	3	I	Ecological Restoration in Practice (Lec) +8 field days
F&W Ecol/ Surg Sci 548	3	I	Diseases of Wildlife (Lec)
Microbio 303	3	I	Biology of Microorganisms (Lec)
Microbio 304	2	I	Biology of Microorganisms Lab (Lab)
Psych 449	3	I	Animal Behavior (Lec) (Lec/Disc option if declared honors-4 credits)
Envir St/ Zoology 315	2	I	Limnology-Conservation of Aquatic Resources (Lec)
Zoology 316	3	I/A	Laboratory for Limnology-Conservation of Aquatic Resources (Lab)
Zoology 430	5	I	Comparative Anatomy of Vertebrates (Lec/Lab)

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Conservation Biology Requirement		If needed -check your DARs report or ask Ginny	
Botany/ Env St/ F&W Ecol/ Zoology 516 (Formerly 651)	3	A	Conservation Biology (Lec)

Social Science Electives			
AAE 101	4	E	Intro to Agricultural and Applied Economics (Lec/Dis)
AAE 244	4	E	The Environment and the Global Economy (Lec/Dis)
C&E Soc/ Soc 140	4	E	Intro to Community and Environmental Soc (Lec/Dis)
C&E Soc/ F&W Ecol/ Soc 248	3	E	Environment, Natural Resources and Society (Lec)
Econ 101	4	E	Principles of Microeconomics (Lec/Dis)
Envir St/ Geography 139	3	E	Living in the Global Environment: An Intro to People-Environment Geography
Envir St/ Amer Ind 306	3	I	Indigenous Peoples and the Environment (Lec/Dis)
Envir St/ Geography 339	4	I	Environmental Conservation (Lec/Dis)
Env St 402: 002*	3	I	Local Government and Environment (Lec)
Envir St/ Philosophy 441	3	A	Environmental Ethics (Lec)
Envir St/ Geog/ Hist 460	4	I	American Environmental History (Lec/Dis)
Land Arc 363	3	I	Earth Partnership: Restoration Education for Equity and Resilience (Fld)

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Additional Electives			
Anthro 405	3	I	Introduction to Museum Studies in Anthropology (Sem)
Botany/ Plant Path 123	3	E	Plants, Parasites, and People (Lec/Lab)
Botany/ Zoology 260	3	E	Introductory Ecology (Lec/Dis)
Botany 300	4	I	Plant Anatomy (Lec/Lab)
Botany/ Env St/ F&W Ecol/ Zool 516 (Formerly 651) Elective if not Required -check your DARs or ask Ginny	3	A	Conservation Biology (Lec)
C&E Soc/ Env St/ Geog 434	3	A	People, Wildlife and Landscapes (Lec)
Entom/ Envir St 201	3	E	Insects and Human Culture-A survey course (Lec)
Entom/ Zoology 540	3	A	Theoretical Ecology (Lec)
Entom 344*	3	I	From Flowers to Food: Pollinator Ecology and Conservation (Lec/Lab)
Envi St/ Soil Sci 324	3	I	Soils and Environmental Quality (Lec)
Envir St/ Geog 377	4	I	An Intro to Geographic Information Systems (Lec/Lab)
Envir St 404: 001*	3	I	Race, Colonialism and the Environment (Sem)
Envir St/ F&W Ecol 515	3	I	Natural Resources Policy (Lec)
Envir St/ Geog 537	4	A	Culture and Environment (Lec)

F&W Ecol/ Zoo 335	3	I	Human/Animal Relationships: Biological and Philosophical Issues (Lec)
F&W Ecol 561**	3	I	Wildlife Management Techniques (Lec/Lab)
Genetics 466	3	I	Principles in Genetics (Lec)
Genetics 467	3	None	General Genetics I (Lec)
Genetics 527*	3	A	Developmental Genetics for Conservation and Regeneration (Lec)
Geosci 627	4	I	Hydrogeology (Lec/Lab)
Land Arc 373*	3	I	Mindfulness in Restorative Environments (Lec) with community project
Microbio 101	3	E	General Microbiology (Lec)
Microbio 102	2	E	General Microbiology Lab (Lab)
PI Path 300	4	I	Introduction to Plant Pathology (Lec/Lab)
Plant Science 376	2	I	Tropical Horticultural Systems (Lec)
Soil Science 301	4	I	General Soil Science (Lec/Lab)
Zoo 400: sect 002*	2	I	Marine Ecology (Lec)
Zoology 405	2-3	I	Introduction to Museum Studies in the Natural Sciences (Lec)

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**See "class notes" for F&W Ecol 561 in Course, Search & Enroll section details -Enrollment opens to students outside of the Wildlife Ecology major if there is space starting May 1, 2025