

Conservation Biology Spring 2025 Courses

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

Be sure to check your DARs report and class pre-requisites!

If questions, schedule an appointment with Ginny Jackson (vjackson4@wisc.edu), Conservation Biology Advisor

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/Disc)
Biology/ Botany/ Zoology 151	5	E	Introductory Biology I (Lec/Lab/Disc)
Biology/ Botany/ Zoology 152	5	E	Introductory Biology II (Lec/Lab/Disc)
Biocore 383*	3	I	Cellular Biology (Lec/Disc)
Biocore 384*	2	I	Cellular Biology (Lab/Disc)

*Biocore is an honors biology sequence that requires admission to the competitive Biocore program, biocore.wisc.edu

Introductory Chemistry			
Chemistry 103	4	E	General Chemistry I (Lec/Lab/Disc)
Chemistry 108	5	E	Chemistry in Our World (Lec/Lab)

Physical Environment			
Atm Ocn/ Geoscience 105	3	E	Survey of Oceanography (Lec/Lab)
Envir St/ Geoscience 106	3	E	Environmental Geology (Lec/Disc)
Envir St/ Geography 120	3	E	Introduction to the Earth System (Lec/Disc)
Geoscience 100	3	E	General Geology (Lec/Disc)

Ecology & Evolution			
Botany/ F&W Eco/ Zoology 460	4	I	General Ecology (Lec/Lab/Disc)-Ecology
Geoscience 110	4	E	Evolution and Extinction (Lec/Disc) -Evolution
Anthro/ Botany/ Zoology 410	3	I	Evolutionary Biology (Lec/Disc) -Evolution

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

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

Species & Field Biology			
Animal Science/ Zoology 520	3	I	Ornithology (Lec)
Animal Science/ Zoology 521	3	I	Birds of Southern Wisconsin (Lab/Disc)
Anthropology 391	3	I	Bones for the Archaeologist (Lec)
Botany/ P Path 332	4	I	Fungi (Lec/Lab)
Botany/ P Path 333	2	I	Biology of Fungi (Lec) meets with 332 but lecture only
Botany 401	4	I	Vascular Flora of Wisconsin (Lec/Lab)
Botany 575:003*	3	I	Phys Ecology & Tropical Plants (Lec) Bot 575 Florida - Google Docs
Entom/ Zoology 302	4	I	Introduction to Entomology (Lec/Lab)
Entom/ Zoology 371	3-4		Medical Entomology: Biology of Vector and Vector-borne Diseases (Lec/Lab) optional lab -enroll for 4 credits

Species & Field Biology Cont.			
Envir St/ Zoology 510	3	I	Ecology of Fishes (Lec/Disc)
Envir St/ Zoology 511	2	A	Ecology of Fishes Lab (Lab)
F&W Ecol 306	4	I	Terrestrial Vertebrates: Life History and Ecology (Lec/Lab)
F&W Ecol 655	3	I	Animal Population Dynamics (Lec)
Land Arc/ Env St 361	3	I	Wetlands Ecology (Lec)
Land Arc 581	3	A	Prescribed Fire: Ecology & Implementation
Microbio 303	3	I	Biology of Microorganisms (Lec)
Microbio 304	2	I	Biology of Microorganisms Lab (Lab)
MM&I/ Path-Bio/ Zoology 350	3	I	Parasitology (Lec)
Zoology 425	3	I	Behavioral Ecology (Lec)

*Not yet coded into DARs, let Ginny know if you enroll to update your DARs report, vjackson4@wisc.edu

Conservation Biology Class Requirement		Required for students declared the ConsBio major during Fall 2024 or later All ConsBio students welcome to enroll	
Botany 651	3	A	Conservation Biology (Lec)

Social Science Electives			
AAE 101	4	E	Intro to Agricultural and Applied Economics (Lec/Disc)
AAE 244	4	E	The Environment and the Global Economy (Lec/Disc)
Botany/Amer Ind/ Anthro 474	3	I	Ethnobotany
C&E Soc/ Soc 140	3	E	Intro to Community and Environmental Soc (Lec/Disc)
Econ 101	4	E	Principles of Microeconomics (Lec/Disc)
Envir St/ Geography 139	3	E	Global Environmental Issues (Lec/Disc)
Envir St/ Geography 339	4	I	Environmental Conservation (Lec/Disc)

Additional Electives			
Atm Ocn 100	3	E	Weather and Climate (Lec)
Atm Ocn 101	4	E	Weather and Climate (Lec/Disc)
Atm Ocn 171	3	E	Global Change: Atmospheric Issues and Problems (Lec)
Botany/ Plant Path 123	3	E	Plants, Parasites, and People (Lec/Lab)
Botany/ Zoology 260	3	E	Introductory Ecology (Lec/Disc)
Genetics 466	3	I	Principles Genetics (Lec/Disc)
Genetics 527*	3	A	Developmental Genetics for Conservation and Regeneration (Lec)
Botany 305	4	I	Plant Morphology and Evolution (Lec/Lab)
Botany/ Entom/ PI Path 505	3	I	Plant-Microbe Interactions: Molecular and Ecological Aspects (Lec)
Entom 201	3	E	Insects and Human Culture -a Survey Course in Entomology (Lec)
Entom 375:001*	3	NONE	Pollinators & Pollination Ecology (Lec)
Envir St 126	4	E	Principles of Environmental Science (Lab)
Envir St/ Geog/ Soil Sc 230	3	I	Soil: Ecosystem and Resource (Lec)
Envir St/ Geog 377	4	I	An Intro to Geographic Information Systems (Lec/Lab)
Envir St/ Pop Hlth 471	3	I	Intro to Environmental Health (Lec)
Envir St/ Soil Sc 575	3	I	Assessment of Environmental Impact (Lec/Disc)
F&W Ecol 395*	3	NONE	Data and GIS Tools for Ecologists (Lec/Lab)
F&W Ecol 448*	3		Disturbance Ecology (Lec)
F&W Ecol 449*	1		Disturbance Ecology Lab (I): Herbivores and Fire (Lab)
Geog/ Geosci 420	3	I	Glacial and Pleistocene Geology (Lec)

Additional Electives Cont.			
Land Arc 211	3	E	Shaping the Built Environment (Lec/Disc)
Microbio 101	3	E	General Microbiology (Lec)
Microbio 102	2	E	General Microbiology Lab (Lab)
Plant Path 315	4	I	Plant Microbiomes (Lec/Lab)
Soil Science 375: 010*	1	NONE	Fire Around the World: Global Survey of Fire in Natural Ecosystems (Lec)

*Not yet coded into DARs, let Ginny know if you enroll to update your DARs report, vjackson4@wisc.edu