

Conservation Biology Spring 2022 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, 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 require admission to the Biocore program to enroll

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)
Geoscience 204	4	I	Geologic Evolution of the Earth (Lec/Lab)

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 301	3	I	Introduction to Statistical Methods (Lec/Disc)
Statistics 371	3	I	Introductory Applied Statistics for Life Sciences (Lec/Disc)

Species & Field Biology			
Animal Science/ Zoology 520	3	I	Ornithology (Lec)
Animal Science/ Zoology 521	3	I	Birds of Southern Wisconsin (Lab/Disc)
Botany/ P Path 332	4	I	Fungi (Lec/Lab)
Botany 401	4	I	Vascular Flora of Wisconsin (Lec/Lab)
Botany/ Entom/ Zoology 473	3	I	Plant-Insect Interactions (Lec)
Entom/ Zoology 302	4	I	Introduction to Entomology (Lec/Lab)
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)

*Botany 401 and 473 are not Intm/Adv LAS credits. This is not a good fit for students who need Intm/Adv LAS credits to graduate. Check your DARs report and check with Ginny if you have questions.

Species & Field Biology Cont.			
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)

*F&W Ecol 655 gives priority to F&W Ecol majors until Dec 1. Other students must have consent of instructor or wait and see if there is space after enrollment opens to all majors.

Social Science Electives			
AAE 215	3	E	Intro to Agricultural and Applied Economics (Lec/Disc)
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	3-4	E	Living in the Global Environment: An Intro to People-Environment Geography
Envir St/ Geography 339	4	I	Environmental Conservation (Lec/Disc)
Geography 344	3	I	Changing Landscapes of the American West (Lec)
Geography 538	4	A	The Humid Tropics: Ecology, Subsistence and Development (Lec)

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)
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 Coures in Entomology (Lec)
Environmental Studies 126	4	E	Principles of Environmental Science (Lab)
Envir St/ Geog/ Soil Sc 230	3	I	Soil: Ecosystem and Resource (Lec)
Envir St/ Land Arc 361	3	I	Wetlands Ecology (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/ Zoology 335	3	I	Human/Animal Relationships: Biological and Philosophical Issues (Lec)
F&W Ecol 379	3	I	Principles of Wildlife Management (Lec)
F&W Ecol 410	3-4	I	Principles of Sliviculture (Lec/Lab)
Land Arc 211	4	I	Landscape Inventory and Evaluation Methods (Lec/Lab)
Microbio 101	3	E	General Microbiology (Lec)
Microbio 102	2	E	General Microbiology Lab (Lab)
Plant Path 315	4	I	Plant Microbiomes (Lec/Lab)
Stat/F&W Ecol/Hort 572	4	I	Statistical Methods for Bioscience II (Lec/Disc)
Zoology 400: section 002	3	I	Stream Ecology (Lec)

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