

# Conservation Biology\* Spring 2016 Courses

\*Formerly Biological Aspects of Conservation

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

Be sure to check your DARs and pre-requisites!

Schedule an appointment with the MolBio Advisor

Course Number	Credits	Level	Course Title
<b>Introductory Biology</b>			
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)

<b>Introductory Chemistry</b>			
Chemistry 103	4	E	General Chemistry I (Lec/Lab/Disc)
Chemistry 109	5	E	Advanced General Chemistry (Lec/Lab/Disc)
Chemistry 116	5	I	Chemical Principles II (Lec/Lab/Disc)

<b>Physical Environment</b>			
Atm Ocn/ Geoscience 105	3-4	E	Survey of Oceanography (Lec/Lab)
Envir St/ Geoscience 106	3	E	Environmental Geology (Lec/Disc)
Envir St/ Geoscience 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)

<b>Ecology &amp; Evolution</b>			
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

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

<b>Species &amp; Field Biology</b>			
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 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)
F&W Ecol 655	3	I	Animal Population Dynamics (Lec)
Geosci/ Zoology 541	3	I	Paleobiology (Lec/Lab)

<b>Species &amp; Field Biology Cont.</b>			
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)
Psych 450*	3	I	Primates and Us: Insights into Human Biology and Behavior (Lec)
Zoology 425*	3	I	Behavioral Ecology (Lec/Disc)

\*Students may not receive credit for both Zoology 425 and Psych 449 in the Conservation Biology program.

<b>Social Science Electives</b>			
AAE 215	3	E	Intro to Agricultural and Applied Economics (Lec/Disc)
AAE/ Envir St 244	3	E	The Environment and the Global Economy (Lec/Disc)
C&E Soc/ Soc 140	3	E	Intro to Community and Environmental Soc (Lec/Disc)
C&E Soc/ F&W Ecol/ Soc 248	3	E	Environmental, Natural Resources, and Society (Lec)
C&E Soc/ Envir St/ Geog 434	3	A	People, Wildlife and Landscapes (Lec)
Econ 101	4	E	Principles of Microeconomics (Lec/Disc)
Env St/ Geography 139	3-4	E	Living in the Global Environment: An Intro to People-Environment Geography
Env St/ Geography 339	4	I	Environmental Conservation (Lec/Disc)

<b>Additional Electives</b>			
Ahabs/ Entom/ F&W Ecol/ M&Envtox/ PI Path/ Soil Sc 606	1	I	Colloquium in Environmental Toxicology (Lec)
Atm Ocn 100	3	E	Weather and Climate (Lec)
Atm Ocn 101	4	E	Weather and Climate (Lec/Disc)
Atm Ocn/ Envir St 171	2-3	E	Global Change: Atmospheric Issues & Problems (Lec)
Botany/ Plant Path 123	3	E	Plants, Parasites, and People (Lec/Lab)
Botany/ Zoology 260	3	E	Introductory Ecology (Lec/Disc)
Botany/ Genetics/ Zoology 466	3	I	General Genetics (Lec/Disc)
Botany/ Entom/ PI Path 505	3	I	Plant-Microbe Interactions: Molecular and Ecological Aspects (Lec)
Entomology 699	1-4	A	Special Problems (Ind)
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 307	3	I	Lit of the Environment: Speaking for Nature (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/ Social Sci 575	3	I	Assessment of Environmental Impact (Lec/Disc)
F&W Ecol 379	3	I	Principles of Wildlife Management (Lec)
F&W Ecol 410	3-4	I	Principles of Silviculture (Lec/Lab)
F&W Ecol 699	1-4	A	Special Problems (Ind)
Geog/ Geosci 320	3	I	Geomorphology (Lec/Lab)
Geog/ Geosci 420	3	I	Glacial and Pleistocene Geology (Lec/Lab)
Land Arc 262	4	I	Landscape Inventory & Evaluation Methods (Lec/Lab)
Microbio 101	3	E	General Microbiology (Lec)
Microbio 102	2	E	General Microbiology Lab (Lab)
Stat 572	4	I	Statistical Methods for Bioscience II (Lec/Disc)