

# Conservation Biology Fall 2019 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 and pre-requisites!

Questions? Contact the ConsBio 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)

<b>Physical Environment</b>			
Envir St/ Geoscience 106	3	E	Environmental Geology (Lec/Disc)
Envir St/ Geography 120	3	E	Introduction to the Earth System (Lec/Disc)
Envir St/ Geoscience 127	5	E	Physical Systems of the Environment (Lec/Lab)
Geoscience 100	3	E	General Geology (Lec/Disc)
Geoscience 202	4	I	Introduction to Geologic Structures (Lec/Lab)

<b>Ecology &amp; Evolution</b>		2 courses from different categories	
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
Envir St/F&W Eco/Zoology 360	3	I	Extinction of Species (Lec/Dis)-Extinction

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

<b>Species &amp; Field Biology</b>			
Agronomy/Botany/Soil Sci 370	3	I	Grassland Ecology (Lec)
Anthro 458	3	I	Primate Behavioral Ecology (Lec)
Anthro 668	3	A	Primate Conservation (Sem)
Botany 330	3	I	Algae (Lec/Lab)
Botany 400	4	I	Plant Systematics (Lec/Lab)
Botany/F&W Ecol 402	2	I	Dendrology (Lec/Lab)
Botany 403	1-4	A	Field Collections and Identification (Ind)
Botany/ F&W Ecol 455	4	I	The Vegetation of Wisconsin (Led/Fld)
Entom/ Zoology 302	4	I	Introduction to Entomology (Lec/Lab)
Entom 331	4	I	Taxonomy of Mature Insects (Lec/Lab)
Envir St/ Zoology 315	2	I	Limnology-Conservation of Aquatic Resources (Lec)
F&W Ecol 401	3	I/A	Physiological Animal Ecology (Lec/Disc)
F&W Ecol 548	3	I	Diseases of Wildlife (Lec)

**Species & Field Biology Cont.**

Microbio 303	3	I	Biology of Microorganisms (Lec)
Microbio 304	2	I	Biology of Microorganisms Lab (Lab)
Psych 449*	3	I	Animal Behavior (Lec)
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)

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

**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)
C&E Soc/ F&W Ecol/Soc 248	3	E	Environment, Natural Resources, and Society (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)

**Additional Electives**

Agron/Entom/F&W Ecol/M&E Tox 632	1	*	Ecotoxicology: The Chemical Players (Lec)
Agron/Entom/F&W Ecol/M&E Tox 633	1	*	Ecotoxicology: Impacts on Individuals (Lec)
Agron/Entom/F&W Ecol/M&E Tox 634	1	*	Ecotoxicology: Impacts on Populations, Communities and Ecosystems (Lec)
Atm Ocn 100	3	E	Weather and Climate (Lec)
Atm Ocn 101	4	E	Weather and Climate (Lec/Disc)
Botany/ Plant Path 123	3	E	Plants, Parasites, and People (Lec/Lab)
Botany/ Zoology 260	3	E	Introductory Ecology (Lec/Disc)
Botany 300	4	I	Plant Anatomy (Lec/Lab)
Botany/ Env St/ F&W Ecol/ Zool 651	3	I/A	Conservation Biology (Lec)
Entom/Zoology 540	3	A	Theoretical Ecology (Lec)
Entomology 699	1-4	A	Special Problems (Ind)
Envir St 126	4	E	Principles of Environmental Science (Lec/Lab)
Envir St/ Geog 377	4	I	An Intro to Geographic Information Systems (Lec/Lab)
Envir St/ Geog 537	4	A	Culture and Environment (Lec)
F&W Ecol 550	3-4	I	Forest Ecology (Lec)
F&W Ecol 561	3	I	Wildlife Management Techniques (Lec/Lab)
F&W Ecol/ Hort/ Stats 571	4	I	Statistical Methods for Bioscience I (Lec/Disc)
F&W Ecol 699	1-4	A	Special Problems (Ind)
Genetics 466	3	I	Principles in Genetics (Lec)
GLE/Geosci 627	3-4	I	Hydrogeology (Lec/Lab)
Microbio 101	3	E	General Microbiology (Lec)
Microbio 102	2	E	General Microbiology Lab (Lab)
Soil Science 301	4	I	General Soil Science (Lec/Lab)

\*Counts towards total credits, but not Liberal Arts (C) or Interm/Adv (I/A) credits