

WILDLIFE CONSERVATION AND MANAGEMENT (BACHELOR OF SCIENCE, B.S.)

Overview

The Wildlife Conservation and Management degree program is committed to providing students with a collaborative learning environment to develop skills and engage in applied learning opportunities. Students gain hands-on experience through both lab and field exercises. The Wildlife Conservation program offers applied learning experiences through coursework and internships where students develop skills in areas such as: mapping GPS, wildlife capture and restraint, Wildland fire behavior and ecology, and plant, mammal, bird and herpetological field identification. Internships and independent research opportunities give students the competitive edge for career opportunities and graduate and professional schools. The Wildlife Conservation and Management major provides students with the background needed to start careers in various state, federal and nongovernmental agencies related to conservation and management.

Requirements

Code	Title	Credit Hours
General Studies		
Students must complete General Studies courses (http://catalog.missouriwestern.edu/undergraduate/university-information/academic-standards-regulations/baccalaureate-degree/#bachelor-general-studies)		42-47
Major Requirements		
BIO 105	Principles of Organismal Biology	4
BIO 106	Principles of Cell Biology	4
BIO 205	Genetics	4
BIO 209	Introduction to Wildlife Conservation	3
BIO 225	Ecology	4
BIO 307	Plant Morphology	4
BIO 311	Animal Physiology	4
or BIO 350	Plant Systematics	
or BIO 440	Plant Physiology	
BIO 318	Ornithology	4
BIO 351	Local Flora	2
BIO 360	Development of Federal Wildlife Law	3
BIO 409	Principles of Terrestrial Wildlife Management	3
BIO 415	Invertebrate Biology	4
or BIO 455	Entomology	
BIO 418	Mammalogy	4
BIO 461	Renewable Resources Policy and Administration	3
or PHL 325	Ethics of Environmental and Natural Resource Policy	
Department approved Communications elective		3
CHE 111	General Chemistry I	5
CHE 120	General Chemistry II with Qualitative Analysis	5
Department approved elective		4-5

PHY 110	College Physics I	4
MAT 111	Introductory Statistics	3
or MAT 111E	Introductory Statistics	
BIO 425	Biology Internship	2

University Graduation Requirements

1. Earn a minimum of 120 credit hours (100 level and higher, maximum of 6 CED credit hours applicable).
2. Earn a minimum of 30 credit hours in upper-division courses. Lower-division transfer courses accepted as meeting upper-division departmental course requirements cannot be used to fulfill this requirement.
3. Earn 30 of the last 45 credit hours at MWSU in institutional coursework (exclusive of credit by examination).
4. Participate in required departmental and campus wide assessments.
5. Fulfill the Missouri Constitution requirement.
6. Successfully pass the Missouri Higher Education Civics Achievement exam.