

2020-21 Wildlife Ecology & Conservation Course Plan
College of Forest Resources & Environmental Science-Michigan Tech

Semester	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Total Credits (128 + 3 co-curriculars)
First Year Fall	FW2010 Vegetation of North America (4)	FW2051 Field Techniques (2)	BL1400 Principles of Biology Lecture (3)	BL1410 Principles of Biology Lab (1) Co-req: BL1400	UN1015 Composition (3)	HASS Gen Ed Requirement (3) See list	Co-curricular (0.5) See list	16.5
First Year Spring	MA1135 Calculus for Life Sciences (4) Prereq: MA1031 or MA1032	CH1150 University Chemistry Lecture (3) Coreq: MA1031 or MA1032 or MA1135	CH1151 University Chemistry Lab (1) Coreq: CH1150	FW1050 Natural Resources Professional (2)	HASS Gen Ed Requirement (3) See list	UN1025 Global Issues (3)		16
Second Year Fall	FW3020 Forest Ecology (3) Coreq: FW2010 and FW2051	FW3601 Wildlife Techniques (3) Co-req: FW2051	MA2720 Statistical Methods (4) Prereq: MA1030 or MA1032	Critical and Creative Thinking Gen Ed (3) Requirement See list	HASS Gen Ed Requirement (3) See list	Co-curricular (1) See list		17
Second Year Spring	FW3112 Human Dimensions of Wildlife Conservation (3) Prereq: FW1050	FW3200 Biometrics and Data Analysis (4) Prereq: FW2051 and MA2720	FW3540 Introduction to Geographic Information Systems (4) Coreq: MA2720	Social Responsibility and Ethical Reasoning Gen Ed Requirement (3) See list	Co-curricular (1) See list			15
Third Year Fall (Courses are taken as a block)	FW3012 Survey of Silviculture (2) Prereq: FW2010 and FW2051	FW3800 Insect Ecology (2)	FW3170 Land Measurements/GPS (1) Co-req: FW3190 Prereq: FW3540	FW3190 Multi-Resource Assessment (3) Prereq: FW2051, FW3020, FW3200 & MA2720	FW3600 Wildlife Habitat (3)	FW3840 Forest Health (3)	FW3180 Geomorphology, Landscapes & Ecosystems (2)	16
Third Year Spring	FW3410 Conservation Biology (3)	FW3320 Forest Genetics and Genomics (3) or FW4128 Conservation Genetics (3) Prereq: BL1400 & 1410	Wildlife Elective (3 or 4) See below	Free Elective (6-7)				17
Fourth Year Fall	Wildlife Elective (4) See below	FW4800 Communication for Natural Resources (2) Prereq: FW3190	FW4811 Integrated Resources Data Collection (2) Prereq: FW3190	FW4260 Population Ecology (3)	FW4610 Wildlife Ecology (3) Pre-req: FW3020	Free elective (4) or Wildlife Elective (4) See below		18
Fourth Year Spring	FW4830 Integrated Natural Resource Assessment (2) Prereq: FW3190	Wildlife Elective (4) See below	HASS Gen Ed Requirement (3) See list	Free elective (7)	Co-curricular (0.5) See list			16.5

Wildlife Electives Choose three of the following courses: Prerequisites for all of the following are BL1040 OR BL1020 OR BL1400

Course #	Course title & Credit	Semester offered
FW3610	Ornithology (4)	Spring
FW4240	Mammalogy (4)	Fall
FW4620	Herpetology (3)	Spring-alt. odd years
BL4440	Fish Biology (4)	Fall-alt. even years