THE UNIVERSITY OF MICHIGAN
SCHOOL OF NATURAL RESOURCES
& ENVIRONMENT

RESOURCE ECOLOGY COURSES TO FULFILL
DISTRIBUTION REQUIREMENT IN MASTER'S CURRICULUM

Course Number	Course Title	Credit Hours	Term	Prerequisite
NRE 402	Spring Ecosystems	4	SP	
NRE 408	Wetland Ecology	3	W	1 Ecology Course
NRE 409 / EEB 487	Ecology of Fishes	3-4	W	1 Ecology course
NRE 411	Fluvial Ecosystems	4	F odd	1 Aquatic Ecology course (NRE 311/511)
NRE 415	Wildlife Behavior and Ecology	4	F	8 hrs Biology, NRE 438 or equivalent recommended
NRE 418	Biology & Management of Insects	3-4	W	1 Biology course
NRE 419	Agro/Forest Pest Management	3-4	W	NRE 418, Bio 442, or permission of instructor
NRE 422/Bio 440	Biology of Fishes	3	F	1 Introductory Biology course and additional Biology course
NRE 425/Bio 496	Population Ecology	4	W	1 Statistics Course, Calculus, and General Ecology suggested
NRE 427	Aquaculture	3	F	2 Biology courses
NRE 430/Bio 489	Soil Properties & Processes	3	F	Introductory Chemistry and Introductory Biology
NRE 432	Forest Hydrology & Watershed Management	3	W	Introductory Chemistry or Introductory Biology

NRE 433/Bio 433	Ornithology	4	F	Introductory Biology
NRE 435	Forest/Terrestrial Ecology	4	F	NRE 337/437 and permission of instructor
NRE 437	Woody Plants	4	F	Graduate standing
NRE 451/Bio 451	Biology of Mammals	4	F odd	1 Biology Course and permission of instructor
NRE 453	Tropical Conservation & Resource Management	3	F	Permission of instructor
NRE 455/Bio 477	Laboratory in Field Ecology	5	F	1 Ecology and 1 Field Biology course
NRE 460	Fishery Science		F odd	1 Statistics Course
NRE 476/Bio 476	Ecosystem Ecology	3	W even	General Ecology and 400-level course in Aquatic or Terrestrial Ecosystems
NRE 505	Human Resource Ecology	4	F	Permission of instructor
NRE 507	Habitats & Organisms	5	SU	1 Biology Course
NRE 511	Intro to Aquatic Ecosystems	4	W	Introductory Biology and Chemistry
NRE 516	Aquatic Entomology	3	W odd	1 Biology Course
NRE 517/EIH 580	Conservation of Biological Diversity	4	F	General Ecology or Permission of instructor
NRE 521	Insect Ecology	4	W	General Ecology or permission of instructor
NRE 528	Advanced Forest Ecology	3	W odd	NRE 435
NRE 553	Agroforestry	3	W	One general ecology course
NRE 589	Ecological Restoration	3	W	Graduate standing

Also, any ecologically-oriented course at the 400 level or above offered anywhere in the University may be petitioned to the REM chair to determine whether the course meets the Resource Ecology requirement.