

MS in Ecology with BS in Biology

FALL OF YEAR ONE		
BIOL 150	BIOLOGICAL PRINCIPLES	4
GEN ED	OTHER GENERAL EDUCATION COURSES	3
ENG 102	ACADEMIC WRITING	3
CHEM 111/112	GENERAL CHEMISTRY 1 WITH LAB	4
HWTR 100	FIRST YEAR SEMINAR	1
	Total	15

SPRING OF YEAR ONE		
BIOL 151	DIVERSITY AND PATTERNS OF LIFE	3
MATH 141	PRE-CALCULUS	4
GEN ED	GENERAL EDUCATION COURSE (Area I)	3
CHEM 113/114	GENERAL CHEMISTRY 2 WITH LAB	4
COM 202	ACADEMIC WRITING AND INQUIRY	3
	Total	17

FALL OF YEAR TWO		
BIOL 301/302	ECOLOGY WITH LAB AND RECITATION	5
CHEM 231/234	INTRO TO ORGANIC CHEMISTRY WITH LAB	4
GEOL 101/105	PHYSICAL GEOLOGY WITH LAB	4
GEN ED	GENERAL EDUCATION COURSE (Area I)	3
	Total	16

SPRING OF YEAR TWO		
PHYS 140	INTRODUCTORY PHYSICS WITH LAB	4
MATH 213	PROBABILITY AND STATISTICS	3
GEN ED	GENERAL EDUCATION COURSES	6
Elective	Elective	3
	Total	16

SUMMER BEFORE YEAR 3		
SCI 499	INTERNSHIP IN SCIENCE	3
	Total Credits	3

FALL OF YEAR THREE		
BIOL 310	CELL BIOLOGY	3
BIOL ELECTIVE	ORGANISMAL OR SYSTEMS BIOLOGY ELECTIVE	4
GEN ED	GENERAL EDUCATION COURSES	3
ELECTIVE OR BIOL ELECTIVE	ELECTIVE OR ORGANISMAL OR SYSTEMS BIOLOGY ELECTIVE	3
	Total	13

SPRING OF YEAR THREE		
BIOL 312	GENETICS WITH RECITATION	4
BIOL ELECTIVE	ORGANISMAL OR SYSTEMS BIOLOGY ELECTIVE	4
ELECTIVES	GENERAL EDUCATION COURSES	3
ELECTIVE OR BIOL ELECTIVE	ELECTIVE OR ORGANISMAL OR SYSTEMS BIOLOGY ELECTIVE	3
	Total	14

FALL OF YEAR FOUR		
BIOL 606	Ecological Research Methods	3
<i>Two of:</i>	<i>Two of:</i>	<i>Two of:</i>
BIOL 620-689 or	Graduate electives in Ecology	3-4
ENVS 608 or	Environmental Politics and Policy	3
ENVS 611 or	Integrative Skills in Env Mngment	3
ENVS 623 or	Studies in Env Management	3
ENVS 625	Studies in Integrative and Public Land Management	3
GEN ED	OTHER GENERAL EDUCATION COURSES	0-3
BIOL 495	SENIOR SEMINAR	1
BIOL ELECTIVE	ORGANISMAL OR SYSTEMS BIOLOGY ELECTIVE	3
	Total	12-16

SPRING OF YEAR FOUR		
BIOL 613	Advanced Ecological Analysis	3
<i>One of:</i>	<i>At least one of:</i>	<i>At least</i>
BIOL 620-689 or	Graduate electives in Ecology	3-4
ENVS 615 or	Science of Climate Mit & Adapt	3
ENVS 618 or	Public Lands Management	3
ENVS 623 or	Studies in Env Management	3
ENVS 625	Studies in Integrative and Public Land Management	3
BIOL 690	MASTERS PROJECT DEVELOPMENT	3
BIOL 495	SENIOR SEMINAR	1
GEN ED	OTHER GENERAL EDUCATION COURSES	0-3
	Total	12-16

SUMMER BEFORE YEAR FIVE		
BIOL 695 or 696	Thesis Research	3
	Total Credits	3

FALL OF YEAR FIVE		
<i>9 credits of</i>	<i>9 credits of the following:</i>	<i>9 cr of:</i>
BIOL 695 - Or - BIOL 696	Ecology & Conservation Thesis Research Fisheries & Wildlife Thesis	1-6 1-6
AND	AND	
BIOL 620-689 or	Graduate electives in Ecology	3-4
ENVS 623 or	Studies in Integrative and Public Management	3
ENVS 625	Studies in Environmental Management	3
	Total	9

SPRING OF YEAR FIVE		
<i>9 credits of</i>	<i>9 credits of the following:</i>	<i>9 cr of:</i>
BIOL 695 - Or - BIOL 696	Ecology & Conservation Thesis Research Fisheries & Wildlife Thesis	1-6 1-6
AND	AND	
BIOL 620-689 or	Graduate electives in Ecology	3-4
ENVS 623 or	Studies in Integrative and Public Management	3
ENVS 625	Studies in Environmental Management	3
	Total	9

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