

Name: _____ Entrance Semester: _____

ESM Prerequisites

General Biology I _____ General Chemistry I _____ Calculus _____
 General Biology II _____ General Chemistry II _____ **OR** Statistics _____

	Cr.	Semester	Grade
ENVI 551 Principles of Environmental Science (or equivalent) ¹	3	_____	_____

MS-ESM/Conservation Biology — 37 Credits Required
Foundation Courses (19 credits required)

	Cr.	Semester	Grade
ENVI 533W Writing for Environmental Professionals ²	3	_____	_____
ENVI 552 Environmental Chemistry	3	_____	_____
ENVI 672 Environmental Biology	3	_____	_____
ENVI 531 Environmental Management	3	_____	_____
ENVI 544 Environmental Policy & Politics	3	_____	_____
ENVI 537 Environmental Conflict Resolution & Problem Solving	2	_____	_____
ENVI 540 Environmental Law	2	_____	_____

Concentration Courses (9 credits required)

	Cr.	Semester	Grade
ENVI 520 GIS for Environmental Professionals	3	_____	_____
ENVI 650 Conservation Biology	3	_____	_____
Select a minimum of one field course:			
ENVI 566 Terrestrial Field Biology	3	_____	_____
ENVI 592W Stream Field Biology	3	_____	_____
ENVI 594 Environmental Sampling and Analyses	3	_____	_____

Electives (Minimum 9 credits required)

	Cr.	Semester	Grade
BIOL 515 Mammalian Physiology	3	_____	_____
ENVI 501 Sustainable Agriculture	3	_____	_____
ENVI 502 Plant biodiversity	3	_____	_____
ENVI 503 Ornithology	3	_____	_____
BIOL 516 Comparative and Environmental Physiology	3	_____	_____
BIOL 517 Invertebrate Biology	3	_____	_____
BIOL 519 Bioinformatics	3	_____	_____
BIOL 522 Animal Behavior	3	_____	_____
BIOL 535 Vertebrate Anatomy, Development and Evolution	3	_____	_____
BIOL 540 Evolution	3	_____	_____
ENVI 546 Water, Environment and Development	3	_____	_____
ENVI 549 Quantitative Environmental Methods	3	_____	_____
ENVI 571 Water Pollution Prevention and Control	3	_____	_____
ENVI 591 Environmental Hydrogeology	3	_____	_____
ENVI 597 Applied and Environmental Microbiology	3	_____	_____
ENVI 599 Microbial Ecology	3	_____	_____
ENVI 670 Environmental Toxicology	3	_____	_____
ENVI 690 Independent Study	1-6	_____	_____

Internship/Thesis (Minimum 0 credits)³

	Cr.	Semester	Grade
ENVI 600 Internship in agency	0-3	_____	_____
ENVI 601 Internship in industry	0-3	_____	_____
ENVI 602 Internship in organization	0-3	_____	_____
ENVI 603 Internship in education	0-3	_____	_____
ENVI 700 Thesis	0-6	_____	_____

Credits completed: _____

Notes:

¹ ENVI 551 may be waived if the student has already completed an approved upper-level environmental science course.

² ENVI 533W must be taken in the first semester.

³ An internship in each sector is required unless the student is pursuing the thesis track. Students with significant professional experience may be granted advanced standing for one or more internships with departmental approval.