

Effective Spring 21

Name: _____ Entrance Semester: _____

MS-ESM Prerequisites

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

	<i>Cr.</i>	<i>Semester</i>		<i>Grade</i>
ENVI 551 Principles of Environmental Science (or equivalent) ¹	3			

MS-ESM — 36 Credits Required

Foundation Courses (15 credits required)	<i>Cr.</i>	<i>Semester</i>		<i>Grade</i>
ENVI 552 Environmental Chemistry	3			
ENVI 672 Environmental Biology	3			
ENVI 520 GIS for Environmental Professionals	3			
ENVI 533W Writing for Environmental Professionals	3			
ENVI 699 Graduate Seminar in Environmental Science	0			
<i>Choose one of the following:</i>				
ENVI 544 Environmental Policy & Politics	3			
ENVI 531 Environmental Management	3			
Electives (9-12 credits required)				
ENVI 501 Sustainable Agriculture	3			
ENVI 502 Plant biodiversity	3			
ENVI 503 Ornithology	3			
ENVI 537 Environmental Conflict Resolution & Problem Solving	2			
ENVI 540 Environmental Law	2			
ENVI 546 Water, Environment and Development	3			
ENVI 549 Fate and Transport	3			
ENVI 566 Terrestrial Field Biology	3			
ENVI 570 Air Pollution Prevention and Control	3			
ENVI 571 Water Pollution Prevention and Control	3			
ENVI 572 Solid and Hazardous Waste Pollution Prevention and Control	3			
ENVI 580 Fluid Dynamics	2			
ENVI 591 Hydrology	3			
ENVI 592W Stream Field Biology	3			
ENVI 594 Environmental Sampling and Analyses	3			
ENVI 650 Conservation Biology	3			
ENVI 670 Environmental Toxicology	3			
ENVI 597 Applied and Environmental Microbiology	3			
ENVI 599 Microbial Ecology	3			
<i>Other courses available on petition</i>				
Research (9-12 credits required)				

Thesis Working Title & Notes:

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