

## **MS Environmental Sciences** Environmental Science, Policy & Management Specialization **12 Credit Hours**

Student Name\_\_\_\_\_ Student ID

Faculty Advisor

Students completing the Environmental Science, Policy and Management Specialization will use insights from the environmental social sciences-including socio-cultural, economic and political considerations-to examine environmental management and governance at local, regional and global scales. This specialization complements the core environmental science curriculum and prepares students to examine and address the complexity found in the interactions between environmental and socioeconomic-political systems within which environmental science is developed and applied in the environmental policy and management spheres. Courses taken as part of this specialization will help students develop important critical-thinking, decision-making and problem-solving skills that will address contemporary environmental issues.

	Core Courses (take both):		
GEOG 5265	Sustainability in Resource Management	3	
GEOG 5440	Science, Policy and the Environment	3	
	Elective Courses (choose 2): *Students may take <i>one</i> non-GEOG/ENVS cou ** Only <i>on</i> e Travel Study course may count	rse f	
ENVS 5305	Water Quality and Resources	3	
ENVS 6200	Risk Assessment	3	
GEOG 5230	Hazard Mitigation and Vulnerability Assessment	3	
GEOG 5301	Population, Culture and Resources	3	
GEOG 5335	Contemporary Environmental Issues	3	
GEOG 5420	The Politics of Nature	3	
GEOG 5680	Urban Sustainability: Perspectives and Practice	3	
GEOG 5710	Disasters, Climate Change and Health	3	
**GEOG 5990	Travel Study: Costa Rica (Sustainable Development and Adaptive Resources Management)	3	
**GEOG 5995	Travel Study: China (Sustainability along the Yangtze)	4	
**GEOG 5995	Travel Study: Singapore	4	
**GEOG 5995	Travel Study: Patagonia	4	
*PUAD 5631	Seminar in Environmental Policy and Politics	3	
*PUAD 5632	Seminar in Environmental Management	3	
*URPL 6500	Environmental Planning and Management	3	

Curriculum for Fall 2021 forward. Last Updated: 05.11.21 Specialization Advisors: Gregory Simon & Rafael Moreno