

# Earth and Environmental Systems

The environment and sustainability major is administered chiefly through a steering committee chaired by Ken Smith.

## Requirements for the Major in Environment and Sustainability

The major requires successful completion of the following:

Code	Title	Semester Hours
<b>Course Requirements</b>		
ENST 101	Introduction to Environmental Studies	4
ENST 320	Environment and Sustainability Colloquium	4
ECON 335	Environmental Economics	4
ENST 421	Environment and Sustainability Capstone	4
Select two of the following:		8
ARCH 332	Archaeological Resource Management and Policy	
ENST 334	Environmental Policy and Law	
ENST 336	Environmental Land-Use Policy	
FORS 270	Water Resource Policy and Law	
POLS 223	Public Policy	
POLS 248	China's Environmental Crisis	
POLS 260	Political Theory of the Environment	
POLS 313	Environmental Politics and Policy	
POLS 382	International Environmental Policy	
Select one of the following:		4
ENST 217	Fundamentals of GIS	
ENST 340	Tools for Environmental Policy Analysis	
ENST 341	Environmental Data Analysis	
STAT 204	Elementary Statistics	
Select one course numbered 200 or above in biology, chemistry, forestry and geology, or physics <sup>1</sup>		4
Select three additional approved electives to fulfill the designated focus topic <sup>2</sup>		12
Total Semester Hours		44

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### Additional Requirements

A comprehensive examination

<sup>1</sup> ENST 240 may also be used to satisfy this requirement.

<sup>2</sup> Students design their own focus in collaboration with their advisor and two faculty members participating in the program (or two participating faculty if one is their advisor). This focus must contain three courses from a minimum of two departments (preferably three) that have a central theme related to the student's senior capstone project. Courses in environmental economics and policy not selected to fulfill a requirement, may be applied toward a focus. An appropriate special topics course or independent study (ESCI 444) may also be used to satisfy one of the foci requirements. **The Environment and Sustainability steering committee must approve each self-designed focus prior to the end of the first semester of the junior year.** The ultimate goal of the foci is to provide students with a cohesive interdisciplinary experience while preparing them to complete capstone projects, in collaboration with faculty mentors, that offer substantial research potential.