

ENVIRONMENTAL AND SUSTAINABILITY STUDIES MAJOR WITH CONCENTRATION IN NATURAL SCIENCES

Major Requirements

The requirements for a **major in environmental and sustainability studies with a natural sciences concentration** are 40 credits (certain electives require additional prerequisite credits):

Code	Title	Hours
Environmental and Sustainability Studies Courses		
BIOL 122	Evolution and Diversity	4
BIOL 221	Ecology	4
ENVR/BIOL 360	Introduction to Geographic Information Systems (GIS)	4
ENVR 475	Interdisciplinary Research	4
Physical Sciences		
Select 4 credits in physical sciences from the following:		4
CHEM 117	Principles of Chemistry	
CHEM 127	General Chemistry I	
CHEM 128	General Chemistry II	
CHEM 142	Survey of Organic and Biochemistry	
ESC 302	Geology	
PHYS 115	Foundations of Modern Physics	
PHYS 111	General College Physics I	
PHYS 128	Physics for Scientists and Engineers	
Statistics Courses		
Select 4 credits in statistics from the following:		4
MATH 205	Introduction to Statistics	
PSC 311	Methods and Techniques of Political Analysis	
PSYC 230	Statistics and Psychology Measurement	
Arts and Humanities Courses		
Select 4 credits in arts and humanities from the following:		4
COM 232	Video Production	
ENG 165	Global Literature and Environmental Justice	
ENG/ENVR 265	Animal Stories: Kinship, Rivalry, and Alterity	
GER/ENVR 363	Sustainability in Germany	
HIST/ENVR 310	Nature's Place in U.S. History	
HIST/ENVR 483	Sustainable Communities	
Ethics or Theology Courses		
Select 4 credits in ethics or theology from the following:		4
ENVR/PHIL 339	Environmental Ethics	
REL 348	Ethics of Sustainable Community	

REL 393 Religion and Ecology

Upper-level Environmental Science Courses

Select 4 credits of upper-level environmental science from the following: 4

BIOL 305 Ecology and Field Biology

BIOL 309 Ornithology

BIOL 311 Entomology

BIOL 312 Mammalogy

BIOL 313 Plant Taxonomy

BIOL/ENVR 327 Conservation Biology

BIOL 350 Animal Behavior

BIOL 409 Limnology

BIOL 444 Ecology of East Africa

Social Science Courses

Select 4 credits in social science from the following: 4

ENVR/PSC 335 Climate Change and Conflict

FND 336 Environmental Nutrition

PSC/ENVR 350 Environmental Policy-Politics

PSC/ENVR 355 Petroleum Politics & Planet

PSC/ENVR 365 Global Sustainability Issues

SOC/BUSN/ENVR 312 Global Development Issues

SOC 339 Urban Communities

SOC 356 Social Change in Theory & Practice

Total Hours 40

Degree and Graduation Requirements

In addition to the program-specific requirements listed above, all students must complete the graduation requirements specified for their degree. See the Degree and Graduation Requirements (<https://catalog.concordiacollege.edu/undergraduate-academic-community/degree-graduation-requirements/>) section for more information.