

ENVIRONMENTAL SCIENCE CONCENTRATION

SCI 463	Issues in Environmental Science
SCI 464	Biomarkers and isotope Signals
SCI 465	Green Technology for Sustainability
SCI 466	Global Health Challenges

Environmental Science Concentration Requirements

Level 1 (choose 2 including 1 lab)

SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory
SCI 253 & SCI L253	Biology II Organismal Biology and Biology II Laboratory
SCI 262 & SCI L262	Physical Geology and Physical Geology Laboratory
SCI 264 & SCI L264	Physics I Introductory Physics and Physics I Laboratory
SCI 265 & SCI L265	Chemistry I Introductory Chemistry and Chemistry I Laboratory
SCI 266	Oceanography
SCI 267 & SCI L267	Chemistry II Chemical Systems and Chemistry II Laboratory
SCI 268	Introduction to Environmental Science and Sustainability
SCI 287 & SCI L287	Weather and Natural Disasters and Weather and Natural Disasters Laboratory

Level 2 (choose 2 including 1 lab)

SCI 350	Biological Imaging
SCI 351 & SCI L351	Ecology and Ecology Laboratory
SCI 355 & SCI L355	Energy Management Strategies and Energy Management Strategies Lab
SCI 364	Plant Biology
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory
SCI 366	Coastal Environments
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory
SCI 372 & SCI L372	Sustaining Air and Water and Sustaining Air and Water Laboratory
SCI 376 & SCI L376	GIS for Environmental Decision Making and GIS for Environmental Decision Making Laboratory
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory
SCI 378	Computer Programming for the Sciences
SCI 390	Research Methods in Science

Plus one additional lab from Level 1 or Level 2

Level 3 (choose 1)

SCI 452	Innovation and Global Energy Challenges
SCI 453	GIS Tools Coastal Planning and Climate Change
SCI 454	Conservation in the U.S. and China
SCI 455	Environmental Policy: Decision Making and Problem Solving
SCI 457	Environmental Toxicology and Risk Assessment
SCI 458	Global Change and Geochemical Impact
SCI 462	Plant Diversity in Ancient and Modern Environments