

ENVIRONMENTAL SCIENCE CONCENTRATION

Environmental Science Concentration Requirements

Required Courses:

Level 1 (choose 2 including 1 lab)		
SCI 251 & SCI L251	Biology I Principles of Biology and Biology I Laboratory	4
SCI 253 & SCI L253	Biology II Organismal Biology and Biology II Laboratory	4
SCI 262 & SCI L262	Physical Geology and Physical Geology Laboratory	4
SCI 264 & SCI L264	Physics I Introductory Physics and Physics I Laboratory	4
SCI 265 & SCI L265	Introductory Chemistry I and Introductory Chemistry I Laboratory	4
SCI 266	Oceanography	3
SCI 267 & SCI L267	Introductory Chemistry II and Introductory Chemistry II Laboratory	4
SCI 268	Introduction to Environmental Science and Sustainability	3
SCI 269	Climate Change - Causes, Impacts, and Solutions	3
Level 2 (choose 2 including 1 lab)		
SCI 351 & SCI L351	Ecology and Ecology Laboratory	4
SCI 355 & SCI L355	Energy Management Strategies and Energy Management Strategies Lab	4
SCI 365 & SCI L365	Organic Chemistry I and Organic Chemistry I Laboratory	4
SCI 366	Coastal Environments	3
SCI 371 & SCI L371	Human Impact on Land and Life and Human Impact on Land and Life Laboratory	4
SCI 376	Introduction to GIS for Health, Environment, and Business	3
SCI 377 & SCI L377	Microbiology and Microbiology Laboratory	4
SCI 378	Computer Programming for the Sciences	3
SCI 390	Research Methods in Science	3
Plus one additional lab from Level 1 or Level 2		
Level 3 (choose 1)		
SCI 455	Environmental Policy: Decision Making and Problem Solving	3
SCI 457	Environmental Toxicology and Risk Assessment	3
SCI 463	Issues in Environmental Science	3
SCI 466	Global Health Challenges	3

A minimum of 18 credits is required for the concentration.