

Environmental Earth Science Advising Chart

EES 104 Dynamic Earth and **EES 112** Geology Lab (or **EES 106** National Parks¹ or **EES 110** Introduction to Geology¹ or **EES 220** Environmental Geology^{1,2}). ¹Must also take **EES 112** Geology Lab, ²May take **EES 221** Environmental Science Lab

EES 130 Ancient Environments
EES 224 Landform Analysis
EES 300/301 Intro to GIS w/Lab
EES 362 Climate and Weather
EES 333 EES Student Employability
EES 322 Hydrology

MAT 216 Statistical Data Analysis
CHE 210/212 Chem I w/Lab & **CHE 211/213** Chem II w/Lab
PHY 204 General Physics I with Laboratory³
³(Alternative, PHY 208, Physics w/ Calc I w/Lab)

Environmental Earth Science

Required Courses

EES 330 Mineralogy and Rock Analysis w/ Laboratory
EES 344 Sedimentology and Stratigraphy w/ Laboratory
EES 356 Structural Geology and Enviro. Applications w/Lab

Pick Two From:

EES 342 Advanced Geographic Information Systems w/ Lab
EES 350 Field Method in Earth Science
EES 424 Glacial and Quaternary Geology
EES 440 Advanced Process Geomorphology
EES 441 Imaging and Image Analysis in EES
EES 444 Geospatial Applications Using Remote Sensing
EES 456 Coastal Geologic Processes and Hazards
EES 460 Special Topics in Earth Science
MAT 243 Calculus
PHY 205 General Physics II with Lab (Alternative, PHY 209 Physics with Calculus II with Lab)

Environmental Science and Sustainability

Required Courses

BIO 240 Ecology with Laboratory
EES 305 Energy Resources and Conservation (EES 205 pre-req.)

Pick Three From

CHE 310 Environmental Chemistry
EES 306 Green Buildings
EES 330 Mineralogy and Rock Analysis with Lab
EES 342 Advanced Geographic Information Systems w/ Lab
EES 344 Sedimentology and Stratigraphy with Lab
EES 350 Field Method in Earth Science
EES 356 Structural Geology and Enviro. Applications w/Lab
EES 424 Glacial and Quaternary Geology
EES 440 Advanced Process Geomorphology
EES 441 Imaging and Image Analysis in EES
EES 444 Geospatial Applications Using Remote Sensing
EES 456 Coastal Geologic Processes and Hazards
EES 460 Special Topics in Earth Science

Pick One From

BIO 301 Microbes and Your Health
EES 315 Environmental Science and Society
EES 323 Drinking Water Management
ECO 322 Environmental Economics
PSC 351 Environmental Politics and Policy

Required Capstone

EES 402 Sustainability Issues in Geosciences