

Core Curriculum – 33 credits

GEOL 100 (or GEOL 101) and 100L (How Earth Works/Environmental Geology, 4 credits)
MTEOR 140 (Climate and Society, 3 credits)
AGRON/MTEOR 206 (Introduction to Weather and Climate, 3 credits)
CRP 293 (Environmental Planning, 3 credits)
 or Soc 220 (Globalization and Sustainability, 3 credits)
GEOL 324 (Energy in the Environment, 3 credits)
JLMC 347 (Science Communication, 3 credits)
ECON 380 (Energy, Environmental and Resource Economics, 3 credits)
MTEOR 360X (Ocean/Atmosphere Interactions, 3 credits)
MTEOR 404 (Global Change, 3 credits)
GEOL 415 (Paleoclimatology, 3 credits)
CAPSTONE CHOICE (2 credits)

Supporting courses – 24 credits

ECON 101, (3 credits)
CHEM 163 and 163L, CHEM 167 and 167L, or CHEM 201 and 201L, (5 credits)
MATH 160 or Math 165, (4 credits)
STAT 305, STAT 101, or STAT 104,(3 credits)
PHYS 131 and 131L or PHYS 231 and 231L, (5 credits)

Data Visualization Pathway – 15 credits

Choose 15 credits:

ARCH 439 (Computational Design Theory, 3 credits)
ARTIS 212 (Studio Fundamentals: Computers, 3 credits)
ARTIS 308 (Computer Modeling, Rendering & Virtual Photography, 3 credits)
ARTIS 408 (Principles of 3D Animation, 3 credits)
ARTIS 470X (Data, Code and Form, 3 credits)
ARTIS 473 (Video Art, 3 credits)
ARTIS 475 (Interactive Art, 3 credits)
LA 211 (Digital Design and Methods for Landscape Architecture, 3 credits)
LA 454 (Fundamentals of Remote Sensing, 3 credits)
LA 459 Digital Design and Methods for Landscape Architecture (3 credits)
STAT/ENGL 332 (Visual Communication of Quantitative Data, 3 credits)
CRP 251 (Fundamentals of GIS, 3 credits)
CRP 351 (Intermediate GIS, 3 credits)
CRP 449 (Geodesign for Sustainable Futures, 3 credits)
CRP 456 (GIS Programming and Automation, 3 credits)
GEOL 452 (GIS for Geoscientists, 3 credits)
GEOL 488 (GIS for Geoscientists II, 3 credits)