

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)

Design and Planning for Sustainability Pathway – 15 credits

Choose 15 credits:

ARCH 451 (Whole Building Energy Performance Modeling, 3 credits)
ARCH 558 (Sustainability and Green Architecture, 3 credits)
CRP 251 (Fundamentals of GIS, 3 credits)
CRP 291 (World Cities & Globalization, 3 credits)
CRP 293 (Environmental Planning, 3 credits)
CRP 301 (Urban Analytical Methods, 4 credits)
CRP 351 (Intermediate GIS, 3 credits)
CRP 383 (Theory of Planning Process, 3 credits)
CRP 445 (Transportation Policy & Planning, 3 credits)
CRP 449 (Geodesign for Sustainable futures, 3 credits)
CRP 455 (Smart and Sustainable Cities, 3 credits)
CRP 457 (Geogames for Civic Engagement, 3 credits)
CRP 460 (Social Justice and Planning, 3 credits)
CRP 484 (Sustainable communities, 3 credits)
CRP 492 (Planning Law, Administration and Implementation, 3 credits)
GEOL 452 (GIS for Geoscientists I, 3 credits)
GEOL 488 (GIS for Geoscientists II, 3 credits)
LA 270 (Foundations in Natural Resource Policy and History, 3 credits)