Environment & Energy Systems Electives

There are many courses at the College that are relevant to the Environment and Energy Systems theme. This reflects broad faculty interest and expertise in environmental issues and in particular the interdisciplinary Environmental Studies and Environmental Science programs.

The following are recommended courses – discuss your specific interests with your advisor. A few of these courses require prerequisites (BIOL and ECON - listed with asterisk). Choose 2 courses from the Engineering list, and 2 additional courses from either list.

**Engineering**
- CE 322  Environmental Site Assessment
- CE 351  Water Resources Engineering
- CE 352  Hydrology
- CE 423  Water Quality
- CE 425  Water Supply and Pollution Control
- CHE 334  Chemical Processes in Environmental Engineering
- CHE 341  Green Engineering
- CHE 342  Atmospheric Engineering and Science
- CHE 379  Alternate Energy Sources
- EGRS/EVST 373  Technology and Nature
- EGRS 480  Sustainable Solutions
- ME 374  Sustainable Building Design
- ME 470  Heat Transfer
- ME 475  Thermal/Fluid Systems

**Natural Science/Humanities/Social Science**
- BIOL 233  Environmental Problem Solving in Biology*
- BIOL 234  Environmental Biology*
- BIOL 272  Conservation Biology*
- CHEM 252  Environmental Chemistry
- CM 261  Introduction to Numerical Computing for Engineers
- ECON 202  Environmental Economics*
- ECON 340  Environment and Resource Economics*
- EVST 215  Environmental Policy*
- EVST 230  Water Problems Water Solutions
- EVST 247  Nature Writing
- EVST 253  Voices of Environmental Justice
- EVST 290  Climate Change: The Facts, the Issues, and the Long Term View
- EVST 315  Food, Culture, and Sustainable Societies
- EVST/EGRS 373  Technology and Nature
- EVST 380  Sustainability Internship
- GEOl 110  Environmental Geology
- GEOl 115  An Introduction to Geology: Earth’s Climate- Past, Present, and Future
- GEOl 210  Hydrogeology
- GEOl 229  Geographical Information Systems and Remote Sensing in Geosciences
- GEOl 300  Earth Surface Processes
- GOVT 231  Global Environmental Politics
- HIST 252  Transformation of the American Environment
- IA 240  Pursuing Global Sustainability
- Math 286  Introduction to Probability and Mathematical Statistics
- PHIL 155  Environmental Ethics