Department of Earth and Environmental Sciences

List of all EES undergraduate courses effective AY 2007-2008
GCP – Global Citizenship        ES – Environmental Studies
ASTR – Astronomy              PHY – Physics
CEE – Civil & Environmental Engineering

Discussion and Laboratory Courses
(gateway course required as pre- or co-requisite)
  EES 004. The Science of Environmental Issues (1) (discussion course)
  EES 022. Exploring Earth (1) (integrated laboratory)

Gateway Courses
  EES 002 (ES 002, GCP 002). Introduction to Environmental Science (3)
  EES 011. Environmental Geology (3)
  EES 012. Ice Age Earth (3)
  EES 014. Lands of the Midnight Sun (3)
  EES 015. Volcanoes and the Ring of Fire (3)
  EES 016. Geology of War (3)
  EES 021. Introduction to Planet Earth (3)
  EES 024. Climate Change (3)
  EES 025. The Environment and Living Systems (3)
  EES 026 (GCP 026). Energy – Origins, Impacts, and Options (3)
  EES 027 (GCP 027). Natural Hazards: Impacts and Consequences (3)
  EES 031. Introduction to Environmental and Organismal Biology (3)
  EES 089 [GCP 089]. Geographic Analysis of our Changing World (3)
  EES 90. Freshman Seminar (3)
  EES 95. Conservation and Biodiversity (will soon have new course number)
  EES 105. (ASTR 105, PHY 105) Planetary Astronomy (4)

  EES 93. Freshman Supervised Internship in Earth and Environmental Sciences (1-2)
  (not eligible for use as Gateway course)

More advanced courses having prerequisites
  EES 100 (GCP 100). Earth Systems Science (4)
  EES 115. Surficial Processes (4)
  EES 131. Introduction to Rocks and Minerals (4)
  EES 152. Ecology (4)

  EES 200. Earth History (4)
  EES 223. Structural Geology and Tectonics (4)
  EES 250. Terrestrial Ecosystems (4)
  EES 293. Supervised Internship in Earth and Environmental Sciences (1-4)

  EES 301. Seismology: Images and Dynamics of the Earth’s Interior (4)
  EES 306. Geologic Records of Environmental Change (4)
  EES 315. Soil Science (4)
  EES 316. (CEE 316) Hydrogeology (4)
  EES 320. (CEE 320) Flood Hydrology and Hydraulics (3)
  EES 323. (CEE 323) Environmental Groundwater Hydrology (3)
EES 325. Remote Sensing of Terrestrial and Aquatic Environments (4)
EES 327. (CEE 327) Surface Water Quality Modeling (3)
EES 334. Geosphere Structure and Evolution (4)
EES 341. Field Geology (6) summer
EES 357. Paleoecology and Landscape History (4)
EES 358. Microbial Ecology (4)
EES 365. Ecophysiology (4)
EES 371. Methods in Water Quality Analysis (4)
EES 379. (CEE 379) Environmental Case Studies (3 to 4)
EES 380. Senior Seminar in Earth and Environmental Sciences (4)
EES 386. Wetland Ecology (4)
EES 393. Supervised Research in Earth and Environmental Sciences (1-4)