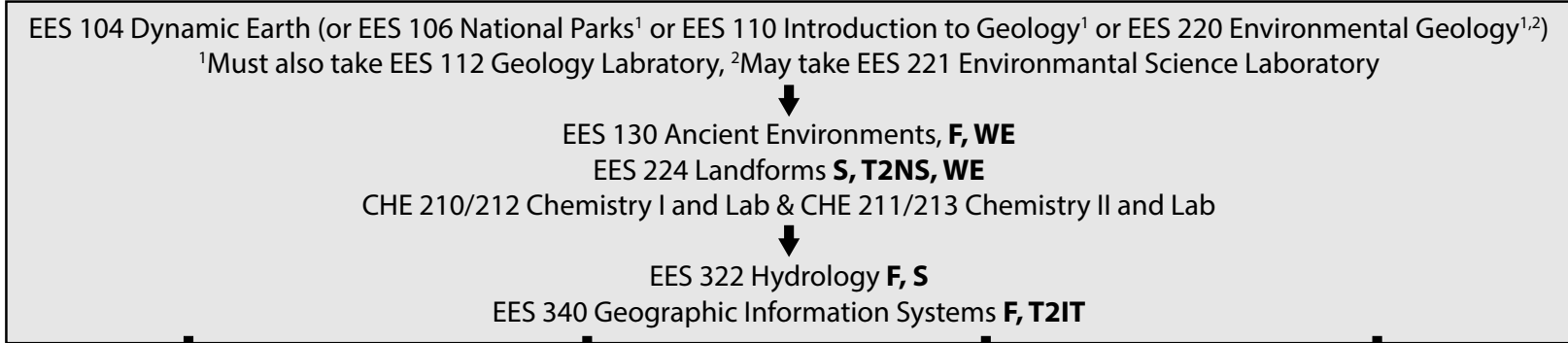


Environmental Earth Science Advising Chart

EES Core



Concentration Requirements

Environmental Earth Science

EES 330 Min & Rock Analysis **S**
 EES 344 Sed & Strat **S**
 EES 350 Field Methods **F, T3**
 EES 356 Structural Geology **F**
 PHY 204/205 or PHY 208/209
 Physics I & II with lab
 MAT 243 Calculus I

General Earth Science

EES 330 Min & Rock Analysis **S**
 EES 344 Sed & Strat **S**
 EES 350 Field Methods **F, T3**
 EES 356 Structural Geology **F**
 PHY 204/205 or PHY 208/209
 Physics I & II with lab
 MAT 243 Calculus I or
 MAT 216 Statistics

Sustainable Energy Science

EES 205 Sustainable Energy
 EES 207 Sustainable Ener Lab
 EES 305 Energy Resources **F**
 EES 330 Min / Rock Analys **S** or
 EES 356 Structural Geol **F**
 EES 344 Sed & Strat **S**
 PHY 204/205 or PHY 208/209
 Physics I & II with lab
 MAT 243 Calculus I

Environmental Science

EES 204 Glob. Climate Chng or
 EES 205 Sustainable Energy
 EHS 210 Env Health Science
 BIO 200/201 Ecology & Env
 PHY 204 or PHY 205 Physics I
 or II with lab
 MAT 243 Calculus I or
 MAT 216 Statistics

The EES major has four concentrations, of which students must select one.

All concentrations have the same core of five classes (28cr). Each concentration has its own required courses (17-28 cr) and its own required electives (9-24cr).

Concentration Electives
 (At least 1 must be Writing Intensive)

Take three of (9-12cr):
 EES 342 Advanced GIS **WI**
 EES 402 Energy Issues³ **T3, WI**
 EES 424 Glacial & Quat Geol **WI**
 EES 440 Process Geomorph **WI**
 EES 444 Geospatial Apps
 EES 450 Hydr. Meth. **T3, LW**
 EES 456 Coastal Geol Hazards
 EES 460 Special Topics
 (with approval)
 EES 471 Global Field Course

Take one of (3-4cr):
 EES 342 Advanced GIS **WI**
 EES 402 Energy Issues³ **T3, WI**
 EES 440 Process Geomorph **WI**
 EES 460 Special Topics
 (with approval)
 EES 471 Global Field Course

Take two of (6 cr):
 EES 200 Oceanography
 AST 214 Descript Astronomy
 PHY 217 Meteorology

Take (3cr):
 EES 402 Energy Issues **T3, WI**

Take two of (6-7cr):
 EES 330 Min / Rock Analys **S** or
 EES 356 Structural Geol **F**
 EES 342 Advanced GIS **WI**
 EES 456 Coastal Geol Hazards
 EES 460 Special Topics
 (with approval)
 EES 471 Global Field Course

Take three of (9-12cr):
 EES 315 Env Sci and Society
 EES 321 Watershed Mngmt
 EES 323 Drinking Wtr Mngmt
 EHS 410 Hydrogeol Env Prof
 BIO 301 Microbes and Health
 CHE 216 Orgnc Chem w/ Lab
 CHE 310 Env Chemistry
 ECO 322 Env Economics
 GEO 306 Gender, Justice, Env.
 GEO 331 Geography of Food
 HSC 308 Prin. of Toxicology³
 PSC 351 Env Politics & Society

Take two of (6-8cr):
 EES 305 Energy Resources **F**
 EES 330 Min & Rock Analysis **S**
 EES 342 Advanced GIS **WI**
 EES 344 Sed & Strat **S**
 EES 356 Structural Geology **F**
 EES 402 Energy Issues³ **T3, WI**
 EES 424 Glacial & Quat Geol **WI**
 EES 440 Process Geomorph **WI**
 EES 444 Geospatial Apps
 EES 456 Coastal Geol Hazards

Take (4cr):
 EES 350 Field Methods **F, T3**

³These courses have prerequisites in addition to those shown in this chart.

F - Offered in Fall
S - Offered in Spring
WE - Writing Enhanced
WI - Writing Intensive

T2NS - Tier 2 Natural Science
T2IT - Tier 2 Appl. Inform. Tech.
T3 - Tier 3 course
LW - LAW designated course

All students are required to take at least one LAC Tier 3 (**T3**) and one Writing Intensive (**WI**) course in their concentration.