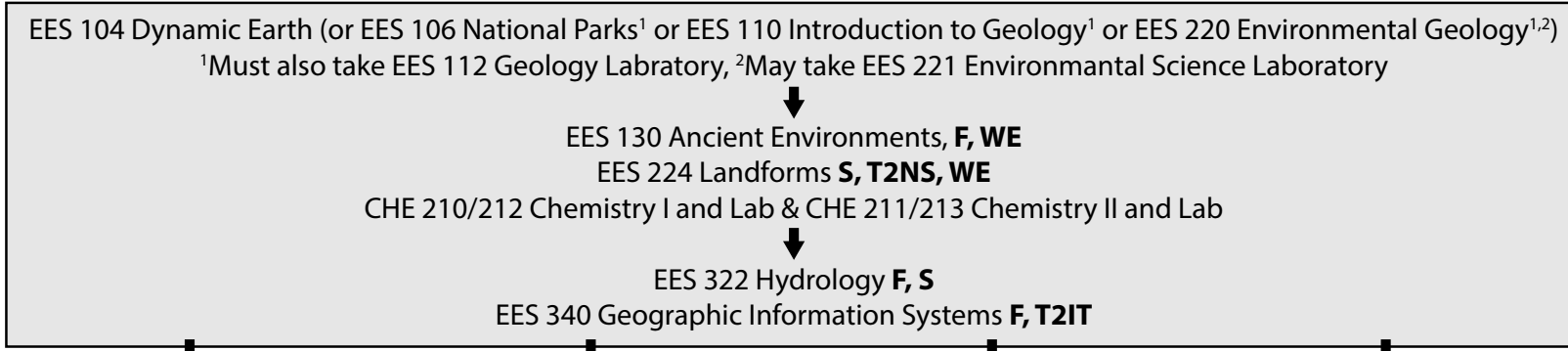


# Environmental Earth Science Advising Chart

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 306 Green Buildings<sup>3</sup>  
 EES 342 Advanced GIS **WI**  
 EES 402 Energy Issues<sup>3</sup> **T3, WI**  
 EES 405 Energy Analysis<sup>3</sup> **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 Issues<sup>3</sup> **T3, WI**  
 EES 405 Energy Analysis<sup>3</sup> **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 at one of (3cr):**  
 EES 402 Energy Issues **T3, WI**  
 EES 405 Energy Analysis **T3, WI**

**Take two of (6-7cr):**  
 EES 306 Green Buildings **S**  
 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 324 Env Toxicology  
 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  
 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 Issues<sup>3</sup> **T3, WI**  
 EES 424 Glacial & Quat Geol **WI**  
 EES 440 Process Geomorph **WI**  
 EES 444 Geospatial Apps  
 EES 456 Coastal Geol Hazards

**Take one of (3-4cr):**  
 EES 320 Env Mngmt **T3, WI**  
 EES 350 Field Methods **F, T3**  
 EES 450 Hydro Mthd **T3, LW**

<sup>3</sup>These 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.