



Major Planning Form for Environmental Sustainability (ES) at Illinois

I. University of Illinois Urbana-Champaign & LAS General Education Requirements

120 total hours; 60 hours completed at UIUC, 21 advanced hours (300-400 level); 12 adv. completed at UIUC.

Language Other Than English (LOTE):

- Two at 3rd level _____ + _____
- OR one at 4th level _____

Composition I _____

Advanced Composition _____

6 hrs Humanities & the Arts (HUM)

_____ + _____

6 hrs Natural Sciences & Tech. (NAT)

_____ + _____

6 hrs Social & Behavioral Sci. (SBS)

_____ + _____

Cultural Studies (CS):

- Western (WCC) _____
- Non-Western (NW) _____
- US Minority Cultures (US) _____

6-10 hrs Quantitative Reasoning

- One QRI _____
- AND one QRI or QRII _____

II. ES Major Requirements (46-56 hours)

A. ES Coursework (10 hrs)

- ESE 200 (3 hrs – FA) _____ ENSU 300 (3 hrs – SP) _____ ESE / GGIS 379 (4 hrs) _____

B. Select ONE concentration (SES or SAE):

Science of the Earth System – SES (20-22 hrs)

- STAT 100 (3 hrs) _____

Select one math course:

- MATH 220 (5 hrs) _____

- MATH 221 (4 hrs) _____

Select one chemistry course:

- CHEM 102 & 103 (3+1 hrs) _____

- CHEM 202 & 203 (3+2 hrs) _____

Select one physics course:

- PHYS 101 (5 hrs) _____

- PHYS 211 (4 hrs) _____

Select one natural science course:

- GEOL 107 (4 hrs) _____

- IB 150 (4 hrs) _____

Society & Environment – SAE (18-20 hrs)

- STAT 100 (3 hrs) _____

- ECON 102 (3 hrs) _____

- PS 100 or PS 101 (3 hrs) _____

Select two social sciences courses:

- ANTH 101 (3 hrs) _____

- ANTH 102 (3 hrs) _____

- GGIS 101 (3 hrs) _____

- GGIS 104 (4 hrs) _____

- SOC 100 (4 hrs) _____

Select one natural science course:

- GGIS / ESE 103 (4 hrs) _____

- GEOL / ESE 104 (3 hrs) _____

- GEOL / ESE 117 (3 hrs) _____

- GEOL / ESE 118 (3 hrs) _____

- ATMS / ESE 120 (3 hrs) _____

- ATMS / ESE 140 (3 hrs) _____

C. ES advanced coursework (18-21 hrs)

Six courses from 300- to 400-level course list (es.illinois.edu); 3 courses must be ESE/ENSU.

- _____ _____ _____ _____ _____ _____
- ESE / ENSU ESE / ENSU ESE / ENSU

More information available online. Visit es.illinois.edu or scan QR code →
Questions? Make an appt: es.illinois.edu/resources/meet-es-advisor





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Minimum of six 300- and 400-level ES advanced courses from list on reverse (18-24 hrs).

Three courses must be listed or cross-listed as ESE or ENSU.

Earth's Biosphere & Ecology

[IB / ESE 439](#) (3 hrs, SP even) *
[HORT / LA 430](#) (2 hrs, SP)
[IB 362](#) (3 hrs, FA)
[IB 411](#) (3 hrs, FA)
[IB 440 / NRES 431](#) (3 hrs, SP) *
[IB 444](#) (3 hrs, FA even) *
[IB 451](#) (4 hrs, SP) *
[IB / ESE 452](#) (3 hrs, FA even) *
[IB 461](#) (4 hrs, SP) *
[NRES 348](#) (3 hrs, FA) *
[NRES 419](#) (3 hrs, FA, SP) *
[NRES 420](#) (4 hrs, FA, SP) *

Sustainability, Policy, & Global Change

[ACE 310](#) (3 hrs, FA, SP) *
[ACE 406](#) (3 hrs, FA)
[ACE 411](#) (3 hrs, FA) *
[ATMS 307](#) (3 hrs, SP) *
[ATMS 447](#) (3 hrs, FA odd)
[ATMS 449](#) (4 hrs, FA even)
[CPSC 336](#) (3 hrs, FA) *
[CPSC 415](#) (3 hrs, FA) *
[CPSC 431](#) (3 hrs, SP even) *
[ENSU 303](#) (4 hrs, FA)
[ENSU 310](#) (4 hrs, FA)
[ENSU 410](#) (4 hrs, SP odd)
[ESE / GGIS 410](#) (4 hrs, FA)
[ESE / GGIS 465](#) (3 hrs, FA) *#
[ESE / GGIS 466](#) (3 hrs, SP) *
[ESE 482](#) (3 hrs, SP even)
[ETMA 311](#) (3 hrs, FA, SP)
[NPRE 480](#) (3 hrs, SP)
[NRES 325](#) (3 hrs, FA) *
[NRES 439](#) (3 hrs, FA odd) *
[UP 456](#) (4 hrs, FA) *
[UP / LA 446](#) (4 hrs, SP)
[UP / LA 480](#) (2 hrs, SP) *

Earth's Physical Systems, Resources, & Hazards

[ABE 436](#) (3 hrs, FA) *
[ATMS 420](#) (4 hrs, SP) *
[CEE 330](#) (3 hrs, FA, SP) *
[CHEM 360](#) (3 hrs, SP, SU) *
[ENSU 302](#) (3 hrs, FA)
[ESE 320](#) (3 hrs, FA, SP, SU)
[ESE / GEOL 333](#) (4 hrs, SP) * #
[ESE 411 / GEOL 401](#)
 (4 hrs, FA odd) *
[ESE 445](#) (3 hrs, SP)
[ESE / GEOL 470](#) (4 hrs, FA) *
[ESE / GEOL 486](#) (3 hrs, FA even)
[GEOL 380](#) (4 hrs, SP odd) *
[GEOL 450](#) (3 hrs, SP) *
[GEOL 451](#) (4 hrs, SP) *
[GEOL 460](#) (3 hrs, SP) *
[GGIS 401](#) (3 hrs, FA odd) *
[GGIS 406](#) (4 hrs, FA odd) *
[GGIS 408](#) (4 hrs, FA even) *
[MSE 489](#) (3 hrs, FA) *
[NRES 351](#) (3 hrs, FA even) *

Visualizing the Earth System

[ATMS 305](#) (3 hrs, FA) *
[ESE / GGIS 380](#) (4 hrs, FA, SP) *
[ESE / ATMS 421](#) (4 hrs, FA) *
[GGIS 371](#) (4 hrs, SP) *
[GGIS 407](#) (4 hrs, FA, SP, SU) *
[GGIS 412](#) (3 hrs, FA) *
[GGIS 460](#) (3 hrs, FA) *
[GGIS 476](#) (3 hrs, SP even) *
[GGIS 477](#) (3 hrs, FA, SP) *
[GGIS 479](#) (4 hrs, FA even) *
[NRES 427](#) (4 hrs, SP)
[NRES 454](#) (4 hrs, FA)

Environment & the Human Response

[AGCM 330](#) (3 hrs, FA) *
[HK 408](#) (3 hrs, FA, SP)
[ENGL 476](#) (3 hrs, SP odd)
[ENSU 301](#) (3 hrs, SP)
[ESE 311](#) (3 hrs, FA)
[ESE 360](#) (3 hrs, FA, SP, SU, WI)
[ESE 467](#) (3 hrs, FA) *
[ESE 477](#) (3 hrs, FA) *
[ESE 498](#) (3 hrs, FA)
[GGIS / ESE 350](#) (3 hrs, SP)
[GGIS 384](#) (3 hrs, FA even)
[GGIS 495](#) (3 hrs, FA, SP)
[GGIS 496](#) (3 hrs, FA)
[LA 430](#) (2 hrs, SP)
[LA 450](#) (4 hrs, SP even)
[NRES 340](#) (3 hrs, SP) *
[NRES 472](#) (4 hrs, FA, SU) *
[SOC 447](#) (3 hrs, FA even) *

Capstone & advanced topics courses

[ESE 389](#) (3 hrs, SP) #
[ESE 401](#) (3 hrs) – approval needed
[ESE 497](#) (1-4 hrs, SP)

* = requires prerequisites

= requires field trip



All course listings are subject to change.

For the latest updates, please visit courses.illinois.edu or scan QR code above.