

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY: SCIENCE OF THE EARTH SYSTEM (SES), BSLAS

for the degree of Bachelor Science in Liberal Arts and Sciences Major in Earth, Society, & Environmental Sustainability, Science of the Earth System Concentration

department website: <https://www.earth.illinois.edu/>
department faculty: Earth, Society & Environment Faculty (<https://earth.illinois.edu/directory/faculty/>)
overview of college admissions & requirements: Liberal Arts & Sciences (<http://catalog.illinois.edu/schools/las/academic-units/>)
college website: <https://las.illinois.edu/>
E-mail: sese-info@illinois.edu

All students wishing to attend graduate school in any field should discuss necessary supplementary course work with their advisor as early as possible.

A Major Plan of Study form must be completed and submitted to the LAS Student Affairs Office before the end of the fifth semester (60-75 hours). Study abroad courses may be substituted for major and minor requirements with approval of advisor.

Departmental distinction: Students who maintain grade point averages of at least 3.3 in all courses within the major and who undertake a faculty-guided individual research project for credit in the major are recommended for graduation with distinction.

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Distinction: A minimum cumulative grade point average of 3.3, and have also completed an approved independent study project, approved senior thesis, or approved capstone.
High Distinction: A minimum cumulative grade point average of 3.5, and have also completed an approved independent study project, approved senior thesis, or approved capstone.
Highest Distinction: A minimum cumulative grade point average of 3.7, and also completed an approved senior thesis or approved research capstone.

ESE Core Requirements:

General education: Students must complete the Campus General Education (<https://courses.illinois.edu/gened/DEFAULT/DEFAULT/>) requirements including the campus general education language requirement.

Minimum required major and supporting course work: Normally equates to 48-58 hours. Twelve hours of 300- and 400-level in the major must be taken on this campus. Substitutions may be made with advisor approval.

Minimum hours required for graduation: 120 hours.

Code	Title	Hours
ESES Introductory Core: Students take one approved introductory or advanced course from at least four of the following five areas. Approved courses within these areas are available from the ESE advisor ¹		12-14
	Environment and the Human Response Sustainability, Policy, and Global Change	
	Earth's Physical Systems, Resources, and Hazards Visualizing the Earth System	
	Earth's Biosphere and Ecology	
ESE coursework		6
GEOG 379	Intro to GIS Systems	
ESE 200	Earth Systems	
Advanced Courses		15-20

A minimum of five 300- and 400-level courses, from the approved list and in an academically coherent program approved by the advisor, are required. At least three of these five advanced courses must be listed or cross-listed as an ESE or ENSU course. Courses taken to satisfy the "ESE Introductory Core" requirement cannot simultaneously be used to satisfy the Advanced Course requirement. These courses should be used to help meet the LAS requirement of 21 hours of 300- or 400-level courses overall, and the 12 hours of 300- or 400-level courses in the major. It is strongly recommended that students complete the LAS requirement with 21 hours of 300- or 400-level courses related to the ESE curriculum.

¹ OR in the ESE School office OR at <http://www.earth.illinois.edu/students/guides> (<http://www.earth.illinois.edu/students/guides/>)

Science of the Earth System Concentration Requirements:

Code	Title	Hours
Cognate Course Work		15-18
CHEM 102	General Chemistry I or CHEM 202 Accelerated Chemistry I	
CHEM 103	General Chemistry Lab I or CHEM 203 Accelerated Chemistry Lab I	
MATH 220	Calculus or MATH 221 Calculus I	
STAT 100	Statistics	
PHYS 101	College Physics: Mech & Heat or PHYS 211 University Physics: Mechanics	
Highly recommended: ECON 102		