Earth and Environmental Sciences, BA

Academic Plans

Sample Plans

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, visit MyUI.

Earth and Environmental Sciences, BA

Course	Title	Hours
Academic Career		
Any Semester		
GE CLAS Core: Sustainability [a]		
	Hours	**0**
First Year		
Fall		
CHEM:1110	Principles of Chemistry I [b]	4
SEES:1050	Introduction to Geology [b]	4
RHET:1030 or ENGL:1200	Rhetoric: Writing and Communication or Interpreting Literature	3 - 4
GE CLAS Core: Social Sciences [c]		3
CSI:1600	Success at Iowa	1
	Hours	**15-16**
Spring		
SEES:1070	Contemporary Environmental Issues [b]	3
SEES:1085	Fundamentals of Environmental Science [b]	4
ENGL:1200 or RHET:1030	Interpreting Literature or Rhetoric: Writing and Communication	3 - 4
GE CLAS Core: Understanding Cultural Perspectives [c]		3
Elective course [d]		3
	Hours	**16-17**
Second Year		
Fall		
BIOL:1411	Foundations of Biology [b]	4
SEES:2010	Interdisciplinary Environmental Seminar	1
Major Elective: earth and environmental sciences elective course [e]		3 - 4
GE CLAS Core: World Languages First Level Proficiency or elective course [f]		4 - 5
Elective course [d]		3
	Hours	**15-17**
Spring		
BIOL:1412	Diversity of Form and Function [b]	4
Major Elective: earth and environmental sciences elective course [e]		3 - 4
GE CLAS Core: World Languages Second Level Proficiency or elective course [f]		4 - 5
Elective course [d]		3
	Hours	**14-16**
Third Year		
Fall		
SEES:2050	Foundations of GIS	4
SEES:3020	Earth Surface Processes	3
GE CLAS Core: Literary, Visual, and Performing Arts [c]		3
GE CLAS Core: World Languages Third Level Proficiency or elective course [f]		4 - 5
Elective course [d]		2
	Hours	**16-17**
Spring		
SEES:2310 or SEES:3320	Introduction to Climatology or Earth's Climate System	3
SEES:2673	Ecology	3
GE CLAS Core: Values and Society [c]		3
GE CLAS Core: World Languages Fourth Level Proficiency or elective course [f]		4 - 5
Elective course [d]		3
	Hours	**16-17**
Fourth Year		
Fall		
STAT:3510 or STAT:2010	Biostatistics [g] or Statistical Methods and Computing	3
Major Elective: earth and environmental sciences elective course [e]		3 - 4
GE CLAS Core: Historical Perspectives [c]		3
Elective course [d]		3
Elective course [d]		3
	Hours	**15-16**
Spring		
Major Elective: earth and environmental sciences elective course [e]		3 - 4
Major Elective: earth and environmental sciences elective course [e]		3 - 4
GE CLAS Core: Quantitative or Formal Reasoning or elective course [d, h]		3
Elective course [d]		3
Elective course [d]		3
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) [i]		
	Hours	**15-17**
	Total Hours	**122-133**

a Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these General Education areas: Natural Sciences; Quantitative or Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Society.

b Fulfills a major requirement and may fulfill a GE requirement.

c GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.

d Students may use elective courses to earn credit toward the total s.h. required for graduation or to complete a double major, minors, or certificates.

e Students must complete at least 15 s.h. in courses from at least two elective categories. Elective categories and their corresponding courses can be found in the BS in earth and environmental sciences section of the General Catalog.

f Students who have completed four levels of a single language or two levels of two different languages in high school or college have satisfied the GE CLAS Core World Languages requirement. Students who have completed three levels of a single language may complete a fourth-level course in the same language or may choose an approved World Language and Cultural Exploration course. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course. Contact your academic advisor or CLAS Undergraduate Programs Office with questions concerning the World Languages requirement.

g STAT:2010 satisfies both the GE CLAS Core Quantitative or Formal Reasoning requirement and the statistics foundation course requirement for the major.

h Students who completed STAT:2010 have already satisfied the GE CLAS Core Quantitative or Formal Reasoning requirement.

i Please see Academic Calendar, on Office of the Registrar website, for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Degree Services.