Sustainability Science, BS

Academic Plans

Four-Year Graduation Plan

The following checkpoints list the minimum requirements students must complete by certain semesters in order to stay on the university's Four-Year Graduation Plan. Courses in the major are those required to complete the major; they may be offered by departments other than the major department.

Before the third semester begins: two core courses in the major.

Before the fifth semester begins: six courses in the major.

Before the seventh semester begins: 12 courses in the major and at least 90 s.h. earned toward the degree.

Before the eighth semester begins: 15 courses in the major.

During the eighth semester: enrollment in all remaining coursework in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate.

Sample Plan of Study

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, see MyUI.

Sustainability Science, BS

Course Title Hours

Academic Career

Any Semester

GE CLAS Core: Sustainability a

First Year

Fall

CHEM:1110 Principles of Chemistry I b, c 3 - 4
or CHEM:1070 or General Chemistry I

GEOG:2013 Introduction to Sustainability 3

RHET:1030 or ENGL:1200 Rhetoric or The Interpretation of Literature 3 - 4

GE CLAS Core: Historical Perspectives d 3

CSI:1600 Success at Iowa 2

Spring

GEOG:2050 Foundations of GIS 4

GEOG:2110 Eight Billion and Counting: Introduction to Population Dynamics b

RHET:1030 or ENGL:1200 Rhetoric or The Interpretation of Literature 3 - 4

GE CLAS Core: Values and Culture d 3

Elective course e 2

Hours 14-16

Second Year

Fall

GEOG:1020 or EES:1085 The Global Environment or Fundamentals of Environmental Science 3 - 4

STAT:2010 Statistical Methods and Computing b 3

GE CLAS Core: Diversity and Inclusion d 3

GE CLAS Core: World Languages First Level Proficiency or elective course f 4 - 5

Elective course e 2

Hours 15-17

Spring

STAT:3200 Applied Linear Regression 3

Major: communication course g 2 - 3

Major: sustainability major elective h 3

GE CLAS Core: International and Global Issues d 3

GE CLAS Core: World Languages Second Level Proficiency or elective course f 4 - 5

Hours 15-17

Third Year

Fall

CS:2110 or CS:1210 or MATH:1460 Programming for Informatics or Computer Science I: Fundamentals or Calculus for the Biological Sciences 4

GEOG:3340 Ecosystem Services 3

PHIL:2402 or GEOG:4770 or SOC:1022 Introduction to Ethics or Environmental Justice or Social Justice and Social Welfare in the United States 3

GE CLAS Core: Literary, Visual, and Performing Arts d 3

GE CLAS Core: World Languages Third Level Proficiency or elective course f 4 - 5

Hours 17-18

Spring

CBE:4410 or GEOG:4200 Sustainable Systems or Sustainability as a System Science 3

GEOG:3800 Environmental Policy 3

Major: sustainability major elective h 3

Major: sustainability science seminar 1

GE CLAS Core: World Languages Fourth Level Proficiency or elective course f 4 - 5

Hours 14-15

Fourth Year

Fall

GEOG:4770 or POLI:2417 Environmental Justice or Comparative Environmental Policy 3

Major: sustainability major elective h 3

Major: sustainability major elective numbered above 3000 h 3

Elective course e 3

Elective course e 3

Arrange research or internship placement

Hours 15
Spring

BIOL:2673 Ecology or GEOG:4470 Ecological Climatology 3

Major; sustainability major elective numbered above 3000 h 3

Major; sustainability major elective numbered above 3000 h 3

Major: Research or internship 3

Elective course e 3

Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) j

<table>
<thead>
<tr>
<th>Hours</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Hours</td>
<td>120-129</td>
</tr>
</tbody>
</table>

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 and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.
b Fulfills a major requirement and may fulfill a GE requirement.
c Enrollment in chemistry courses requires completion of a placement exam.
d 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.
e Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
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 See General Catalog for list of approved courses.
h Elective coursework provides the flexibility so that students can gain depth in an area of interest or continue to build a broad platform on which to build subsequent academic or professional careers. Students cannot use an elective course to satisfy more than one requirement. Students must select a minimum of 18 s.h. from the list found in the catalog, with at least 9 s.h. numbered above 3000. Students who seek to develop depth in an area may take up to 12 s.h. in a single focal area.
i Enrollment in math courses requires completion of a placement exam.
j Please see Academic Calendar, 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.