## 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 \(^{a}\)
    - Hours: 0

**First Year**

- **Fall**
  - CHEM:1110 or CHEM:1070 Principles of Chemistry I \(^{b, c}\) or General Chemistry I 3 - 4
  - GEOG:2013 Introduction to Sustainability 3
  - ENGL:1200 or RHET:1030 The Interpretation of Literature or Rhetoric 3 - 4
  - GE CLAS Core: Historical Perspectives \(^{d}\) 3
  - CSIE:1600 Success at Iowa 2
    - Hours: 14-16

- **Spring**
  - GEOG:2050 Foundations of GIS 4
  - GEOG:2110 Eight Billion and Counting: Introduction to Population Dynamics \(^{b}\) 3
  - 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: 15-16

**Second Year**

- **Fall**
  - GEOG:1020 or EES:1085 The Global Environment \(^{b}\) 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**
  - GEOG:3340 Ecosystem Services 3
  - Major: equity/ethics/equality course \(^{i}\) 3
  - Major: additional computer science or calculus course \(^{j, k}\) 4
  - 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**
  - GEOG:4200 or CBE:4410 Sustainability as a System Science or Sustainable Systems 3
  - GEOG:3800 Environmental Economics and 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 or GEOG:4470 Ecology or 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
  - Elective course \(^{e}\) 3
Degree Application: apply on MyUI before deadline
(typically in February for spring, September for fall)  

<table>
<thead>
<tr>
<th>Hours</th>
<th>15</th>
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<tr>
<td>Total Hours</td>
<td>120-129</td>
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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 years of a single language in high school have satisfied the GE CLAS Core World Languages requirement. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course.


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.


j. Choose from: CS:1210, CS:2110, MATH:1380, MATH:1460

k. Enrollment in math courses requires completion of a placement exam.

l. 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 Graduation Services.