Biomedical Sciences, 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.


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.

Biomedical Sciences, BS

Course | Title | Hours
--- | --- | ---
Academic Career | | |
Any Semester | | |
GE CLAS Core: Sustainability | | 
Hours | 0

First Year

Any Semester

Begin volunteering at a hospital or other healthcare facility in the first year or as early as possible.

Hours | 0

Fall

CHEM:1110 | Principles of Chemistry I | 4
MATH:1460 | Calculus for the Biological Sciences | 4
RHET:1030 or ENGL:1200 | Rhetoric or The Interpretation of Literature | 3 - 4
SOC:1010 | Introduction to Sociology | 3
CSI:1600 | Success at Iowa | 2

Hours | 16-17

Spring

BIOL:1411 | Foundations of Biology | 4
CHEM:1120 | Principles of Chemistry II | 4

Hours | 13-14

Summer

Admission Application: Apply to medical school

Hours | 0
### Fourth Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: elective lecture I</td>
<td>3</td>
</tr>
<tr>
<td>Major: research experience</td>
<td>4</td>
</tr>
<tr>
<td>GE CLAS Core: Diversity and Inclusion</td>
<td>3</td>
</tr>
<tr>
<td>GE CLAS Core: Historical Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>GE CLAS Core: International and Global Issues</td>
<td>3</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td><strong>16</strong></td>
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**Spring**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>BIOL:4898 Communicating Research</td>
<td>2</td>
</tr>
<tr>
<td>Major: elective lecture II</td>
<td>3 - 4</td>
</tr>
<tr>
<td>Major: investigative lab</td>
<td>3 - 4</td>
</tr>
<tr>
<td>GE CLAS Core: Literary, Visual, and Performing Arts</td>
<td>3</td>
</tr>
<tr>
<td>GE CLAS Core: Values and Culture</td>
<td>3</td>
</tr>
<tr>
<td>Degree Application: apply on MyUI before deadline</td>
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<tr>
<td>(typically in February for spring, September for fall)</td>
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</tr>
<tr>
<td><strong>Hours</strong></td>
<td><strong>14-16</strong></td>
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**Total Hours** **119-128**

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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. Enrollment in chemistry courses requires completion of a placement exam.
c. Enrollment in math courses requires completion of a placement exam.
d. 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.
e. MICR:2157 and MICR:2158 should be taken in the same semester.
f. Students complete a total of 15-17 s.h. of elective coursework from approved lists of courses; see General Catalog.
g. 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.
h. 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.