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:** MATH:1460 Calculus for the Biological Sciences or MATH:1850 Calculus I, CHEM:1110 Principles of Chemistry I, CHEM:1120 Principles of Chemistry II, and BIOL:1411 Foundations of Biology.

**Before the fifth semester begins:** BIOL:1412 Diversity of Form and Function, STAT:2010 Statistical Methods and Computing or STAT:3510 Biostatistics, and four other courses in the major.

**Before the seventh semester begins:** BIOL:2512 Fundamental Genetics, BIOL:2723 Cell Biology, BIOL:3172 Evolution, five or six more courses in the major, and at least 90 s.h. earned toward the degree.

**Before the eighth semester begins:** two or three more 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL:1412</td>
<td>Diversity of Form and Function</td>
<td>4</td>
</tr>
<tr>
<td>STAT:3510 or STAT:2010</td>
<td>Biostatistics or Statistical Methods and Computing</td>
<td>3</td>
</tr>
<tr>
<td>GE CLAS Core: Literary, Visual, and Performing Arts</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GE CLAS Core: World Languages First Level Proficiency or elective course</td>
<td>4 - 5</td>
<td></td>
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</tbody>
</table>

**Hours** | **14-15**

**Third Year**

**Fall**

BIOL:2512 Fundamental Genetics | 4 |
BMB:3110 Biochemistry | 3 |
Major: elective outside biology g | 3 |
GE CLAS Core: World Languages Third Level Proficiency or elective course | 4 - 5 |

**Hours** | **13-14**

**Fourth Year**

**Fall**

Major: biological systems requirement II h | 3 |
Major: biology elective I | 3 |
Major: elective outside biology g | 3 |
GE CLAS Core: International and Global Issues e | 3 |
GE CLAS Core: Values and Culture e | 3 |

**Hours** | **15**

**Spring**

Major: course with a laboratory requirement h | 4 - 6 |
Major: genes and genomes requirement h | 3 |
Major: biology elective II | 3 |
Elective course | 3 |
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) | j |

**Hours** | **13-15**

**Total Hours** | **113-121**

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 After completing BIOL:1412 Diversity of Form & Function, students are eligible to enroll in Lakeside Laboratory summer field courses. Registration for these courses is in winter of each year.
c Enrollment in chemistry courses requires completion of a placement exam.
d Enrollment in math courses requires completion of a placement exam.
e 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.
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.
g Students complete 12 s.h. of coursework outside the Department of Biology by choosing courses from an approved list.
h See General Catalog for list of approved courses.
i 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.
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 Graduation Services.