Genetics & Plant Biology | Sample Schedules

Before you start scheduling your first semester of classes, refer to the GPB Major Overview and GPB Major Snapshot.

- This is a sample program plan, it assumes the student has completed the Entry Level Writing and American History & Institutions requirements prior to admission.
- Students are strongly advised to work with an academic advisor to determine a personal program plan. Your program plan will differ depending on previous credit received, your course schedule, and available offerings.

### 4 Year Plan | Freshmen & Sophomore Year

<table>
<thead>
<tr>
<th>1st Year Fall</th>
<th>Units</th>
<th>1st Year Spring</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A and CHEM 1AL</td>
<td>3 + 2</td>
<td>CHEM 3A and CHEM 3AL</td>
<td>3 + 2</td>
</tr>
<tr>
<td>MATH 1A/16A/10A*</td>
<td>3-4</td>
<td>MATH 1A/16A/10B*</td>
<td>3-4</td>
</tr>
<tr>
<td>1st half of Reading &amp; Comprehension</td>
<td>4</td>
<td>2nd half of Reading &amp; Comprehension</td>
<td>4</td>
</tr>
<tr>
<td>PLANTBI 20 (optional)</td>
<td>1</td>
<td>Breadth Course</td>
<td></td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td>12-14</td>
<td><strong>Total Units</strong></td>
<td>12+</td>
</tr>
</tbody>
</table>

*Only need Stats if doing Math 16A,B or Math 1A,1B

### Remaining Lower Division Requirements:

- Any Remaining Humanities or Social Science breadth units (need 15 total)
- Physics 8B (if pre-med, not required for the major)

### 4 Year Plan | Freshmen & Sophomore Year (CHEM 32)

<table>
<thead>
<tr>
<th>1st Year Fall</th>
<th>Units</th>
<th>1st Year Spring</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 32</td>
<td>4</td>
<td>CHEM 1A and CHEM 1AL</td>
<td>3 + 2</td>
</tr>
<tr>
<td>MATH 1A/16A/10A*</td>
<td>3-4</td>
<td>MATH 1B/16B/10B*</td>
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<td></td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td>12+</td>
<td><strong>Total Units</strong></td>
<td>12+</td>
</tr>
</tbody>
</table>
2nd Year Fall | Units | 2nd Year Spring | Units
--- | --- | --- | ---
CHEM 3A and CHEM 3AL | 3 + 2 | CHEM 3B and CHEM 3BL ** | 3 + 2
BIO 1B | 4 | BIO 1 and BIO 1AL ** | 3 + 2
Breadth Course | 3-4 | American Cultures/Breadth course | 3-4
STAT 2* | 4 | Breadth Course | 3-4

Total Units | 12+

*Only need Stats if doing Math 16A,B or Math 1A,1B
**This course combination is difficult. If able, move Chem 3B/L or Bio1A/L to summer before junior year

Remaining Lower Division Requirements:
- Any remaining Humanities or Social Science breadth units (need 15 total)
- Physics 8A
- Physics 8B (if premed, not required for the major)

2 Year Plan (Transfer) | Junior & Senior Year**
**Must add Physics 8a if not completed prior to transferring.

3rd Year Fall | Units | 3rd Year Spring | Units
--- | --- | --- | ---
PLANTBI 135 (offered Fall only) | 3 | PLANTBI 160 (offered Spring only) | 3
PLANTBI 150 (offered Fall only) | 3 | GPB Concentration | 2-4
STAT 2 (if not completed prior) | 4 | GPB Concentration | 2-4
American Cultures (if not completed prior) | 4 | Elective(s) | 1-5

Total Units | 13+

4th Year Fall | Units | 4th Year Spring | Units
--- | --- | --- | ---
Plant Diversity and Evolution Conc. course | 2-4 | PMB 101L (offered Spring only) | 3
GPB Concentration | 2-4 | GPB Concentration | 3-4
GPB Concentration | 2-4 | Elective(s) | 5-6
Elective(s) | 0-6

Total Units | 13+

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