## University Foundation & Core (37 credits total)

*See catalog.gmu.edu/mason-core/ for a full list of approved courses*

<table>
<thead>
<tr>
<th>Written Communication (ENGH 101)</th>
<th><em>Arts</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Level (ENGH 302)</td>
<td></td>
</tr>
<tr>
<td>Oral Communication (INTS 101)</td>
<td><em>Natural Science</em></td>
</tr>
<tr>
<td>Information Technology (IT 104 or INTS)</td>
<td><em>Natural Science with Lab</em></td>
</tr>
<tr>
<td><em>Quantitative Reasoning</em></td>
<td>Western Civilization (HIST 100 or 125)</td>
</tr>
<tr>
<td>Literature (INTS 101)</td>
<td><em>Social &amp; Behavioral Science</em></td>
</tr>
<tr>
<td></td>
<td><em>Global Understanding</em></td>
</tr>
</tbody>
</table>

---

## Integrative Course Work (30 credits total, including 18 Upper Level)

<table>
<thead>
<tr>
<th>Credits</th>
<th>INTS #</th>
<th>Course Title</th>
<th>Credits</th>
<th>INTS #</th>
<th>Course Title</th>
</tr>
</thead>
</table>

30 Remaining 0 Credits Earned

[INTS Courses: integrative.gmu.edu/current-students/course-details](https://integrative.gmu.edu/current-students/course-details)

---

## Concentration: Life Sciences - Pre Pharmacy

1. **Biology**
   - BIOL 103 Intro Biology I
   - BIOL 213 Cell Structure

2. **Chemistry**
   - CHEM 211 General Chemistry I
   - CHEM 213 General Chemistry Lab I
   - CHEM 212 General Chemistry II
   - CHEM 214 General Chemistry Lab II
   - CHEM 313 Organic Chemistry I
   - CHEM 315 Organic Chemistry Lab I
   - CHEM 314 Organic Chemistry II
   - CHEM 318 Organic Chemistry Lab II

3. **Mathmatics**
   - MATH 113 Analytic Geometry & Calculus I
   - MATH 114 Analytic Geometry & Calculus II
   - STAT 250 Intro to Statistics

4. **Physics**
   - PHYS 103 Physics & Everyday Phenomena I
   - PHYS 104 Physics & Everyday Phenomena II
   - OR
   - PHYS 243 College Physics I
   - PHYS 244 College Physics Lab I
   - PHYS 245 College Physics II
   - PHYS 246 College Physics Lab II

5. **Ethics**
   - PHIL 151 Intro to Ethics
   - OR
   - PHIL 309 Bioethics

---

## Upper Level Credits (45 credits total)

---

**Upper Level Credits**

---

[Appointments: gmu.campus.eab.com](https://gmucampus.eab.com)