## First Year

<table>
<thead>
<tr>
<th>First Trimester</th>
<th>Second Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>34-102 Intro to American Government</td>
<td>3</td>
</tr>
<tr>
<td>04-106/107 Principles of Biology &amp; Lab</td>
<td>4</td>
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<tr>
<td>77-101 University Seminar</td>
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<tr>
<td>10-111 Composition I</td>
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<tr>
<td>24-114/115 General Chemistry I &amp; Lab*</td>
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<tr>
<td><strong>Total Hours</strong></td>
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## Second Year

<table>
<thead>
<tr>
<th>First Trimester</th>
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<tbody>
<tr>
<td>24-342/343 Organic Chemistry I &amp; Lab</td>
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<tr>
<td>04-350 Genetics</td>
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<tr>
<td>25-110/111 OR 25-120/121 General Physics I &amp; Lab OR Fundamentals of Classical Physics I &amp; Lab</td>
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<tr>
<td>29-102 Fundamentals of Oral Communication</td>
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<td><strong>Total Hours</strong></td>
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## Third Year

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>08-103 General Psychology</td>
<td>3</td>
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<tr>
<td>24-562 General Biochemistry</td>
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<tr>
<td>04-310 Cell Biology</td>
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<tr>
<td>04-436 Human Anatomy</td>
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## Fourth Year

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>24-322/323 Analytical Chemistry &amp; Lab</td>
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<tr>
<td>24-438 Medicinal Chemistry II***</td>
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<td></td>
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</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

Students applying to medical or pharmacy school should consult with the school of interest to determine the specific requirements for that program, which will take priority over the suggested outline above.

*Enrolling in Chemistry 112/113 should be considered prior to Chemistry 114/115 if a rigorous high school Chemistry background is absent. Similar considerations are warranted without proficiency in high school Algebra II.

**Students with a 27 or above on the Mathematics ACT subscore are eligible to begin with Calculus I. Without it, students must first complete 17-117. Most pharmacy schools require Calculus I as a transfer pre-requisite. Refer to the entrance requirements for the pharmacy program of interest to confirm this possibility.

***Medicinal Chemistry I and II are offered online through the University of Florida.

Updated 5/2/2019 (RS)