Courses for Pharmacy School Preparation

GENERAL EDUCATION

Communication Skills 9 credits
- COM 1103 Fund Speech Comm. (Required)
- ENG 1103 Composition I (Required)
- ENG 11203 Composition II (Required)

Health & Physical Education 2 credits
- HPE 10101 Human Wellness and Phys Fit
- HPE Activity Course

Arts/Humanities 9 credits
- Group I: At least one course from:
  - ART 10303 Art Appreciation
  - FPA 10503 Fine Arts
  - MUS 10403 Music Appreciation
- Group II:
  - ENG 24103 Literary Imagination
  - HUM 20103 The Humanities
  - PHR 21103 Philosophical Inquiry
- Group III: At least one course from:
  - HIS 13103 World Civilization I
  - HIS 13203 World Civilization II

Social Science 6 credits
- Group I: At least one course from:
  - ATH 12103 Anthropology
  - HIS 12203 American History II (Since 1877)
  - POL 11103 American National Government
- Group II:
  - ECO 11103 Contemporary Economics (Required)

Liberal Arts 1 credit
- LA 10001 Gateway to Success

Mathematics & Natural Science 13-14 credits
- Group I: Mathematics:
  - MTH 21404 Intro Probability & Statistics (Required)
- Group II: Biology:
  - BIO 12104 Biology I (Required)
- Group III: Natural Science:
  - CHM 15005 General Chemistry I (Required)

Computer Technology Productivity Skills
- As required by major

REQUIRED COURSES

Biology 16 credits
- BIO 12204 Biology II
- BIO 21304 Microbiology
- BIO 21404 Human Anatomy & Physiology I
- BIO 22404 Human Anatomy & Physiology II

Chemistry 19 credits
- CHM 15005 General Chemistry II
- CHM 26202 Organic Chemistry Laboratory I
- CHM 26303 Organic Chemistry Theory I
- CHM 27202 Organic Chemistry Laboratory II
- CHM 27303 Organic Chemistry Theory II
- CHM/BIO 34404 Introduction to Biochemistry

Math 9 credits
- MTH 15105 Calculus I
- MTH 15204 Calculus II

Physics (Required) 10 credits
- PHY 17505 General Physics I with Algebra
- PHY 18505 General Physics II with Algebra

Recommended Courses 9 credits
- CHM/BIO 44403 Advanced Biochemistry
- PSY 11103 General Psychology

OTHER MAJOR COURSES/ELECTIVES
**Sample Course Sequence for Pharmacy School Preparation**

* Schedule of major and general education courses can vary depending upon selected major. Also, many upper-level science courses are offered on an every-other-year basis.

<table>
<thead>
<tr>
<th>Fall Semester 1st</th>
<th>Spring Semester 1st</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry I (5 hrs.)</td>
<td>General Chemistry II (5 hrs.)</td>
</tr>
<tr>
<td>Calculus I or Pre-Calculus (5 hrs.)</td>
<td>Calculus II (4 hrs.) or Calculus I (5 hrs.)</td>
</tr>
<tr>
<td>Biology I (4 hrs.)</td>
<td>Biology II (4 hrs.)</td>
</tr>
<tr>
<td>Composition I (3 hrs.)</td>
<td>Composition II (3 hrs.)</td>
</tr>
<tr>
<td>General Education/Major/Electives (0 - 1 hrs.)</td>
<td>General Education/Major/Electives (1 - 2 hrs.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Semester 2nd</th>
<th>Spring Semester 2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry Theory I (3 hrs.)</td>
<td>Organic Chemistry Theory II (3 hrs.)</td>
</tr>
<tr>
<td>Organic Chemistry Laboratory I (2 hrs.)</td>
<td>Organic Chemistry Laboratory II (2 hrs.)</td>
</tr>
<tr>
<td>Quantitative Analysis (4 hrs.)</td>
<td>Microbiology (4 hrs.)</td>
</tr>
<tr>
<td>General Physics I with Algebra (5 hrs.)</td>
<td>General Physics II with Algebra (5 hrs.)</td>
</tr>
<tr>
<td>Fund Speech Communications (3 hrs.)</td>
<td>Calculus II, if necessary (4 hrs.)</td>
</tr>
<tr>
<td>General Education/Major/Electives (0 - 1 hrs.)</td>
<td>General Education/Major/Electives (0 - 4 hrs.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Semester 3rd</th>
<th>Spring Semester 3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Biochemistry (3 hrs.)</td>
<td>Advanced Biochemistry (3 hrs.)</td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology I (4 hrs.)</td>
<td>Human Anatomy &amp; Physiology II (4 hrs.)</td>
</tr>
<tr>
<td>General Education/Major/Electives (9 - 11 hrs.)</td>
<td>General Education/Major/Electives (9 - 11 hrs.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Semester 4th</th>
<th>Spring Semester 4th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Economics (3 hrs.)</td>
<td>General Psychology (3 hrs.)</td>
</tr>
<tr>
<td>Intro Probability &amp; Statistics (4 hrs.)</td>
<td>General Education/Major/Electives (13 - 15 hrs.)</td>
</tr>
<tr>
<td>General Education/Major/Electives (9 - 11 hrs.)</td>
<td></td>
</tr>
</tbody>
</table>