Students should check-in with their advisor before attempting the 3 Year Plan. To finish in 3 years, all major courses MUST be completed as listed.

Summer courses are REQUIRED. Students following this plan will meet all needed pre-reqs, with the EXCEPTION of PharmSci 174/174L (pre-req includes PharmSci 170B). Students on track to graduate in 3 years must email their advisor, and will be approved to enroll into PharmSci 174/174L.

### Undergraduate 3-Year Sample Program

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>REQUIRED: Summer Session I &amp; II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHEM 1A (4)</td>
<td>CHEM 1B (4)</td>
<td>CHEM 1C / 1LC (7)</td>
<td>PHYSICS 3A + 3C</td>
</tr>
<tr>
<td></td>
<td>BIO SCI 93 / 93L (5)</td>
<td>BIO SCI 94 / 94L (5)</td>
<td>MATH 2B (4)</td>
<td>Math 2A + 2B are co-reqs</td>
</tr>
<tr>
<td></td>
<td>PHRMSCI 1 (1, P/NP)</td>
<td>WRITING 40/50/60 (4)</td>
<td>WRITING 40/50/60 (4)</td>
<td>Recommended:</td>
</tr>
<tr>
<td></td>
<td>GE (4): Psych 7A, Cat III</td>
<td>MATH 2A (4)</td>
<td>GE (4)</td>
<td>Bio 98, 99, or E109</td>
</tr>
<tr>
<td>Year 2</td>
<td>BIO SCI 97 (4)</td>
<td>BIO 98 (4)</td>
<td>BIO 99 (4)</td>
<td>CHEM 51LD (3)</td>
</tr>
<tr>
<td></td>
<td>CHEM 51A / 1LD (7)</td>
<td>CHEM 51B / 51LB (7)</td>
<td>CHEM 51C / 51LC (7)</td>
<td>BIO 100 (3, P/NP optional)</td>
</tr>
<tr>
<td></td>
<td>BIO SCI E109 (4)</td>
<td>GE (4): Econ 20A, Cat III</td>
<td>PHRMSCI 3 (1, P/NP)</td>
<td>PHRMSCI 90 (4)</td>
</tr>
<tr>
<td></td>
<td>PHRMSCI 42 (2)</td>
<td>GE (4)</td>
<td>Optional, not a major requirement</td>
<td>Optional, not a major requirement</td>
</tr>
<tr>
<td>Year 3</td>
<td>PHRMSCI 171 (4)</td>
<td>PHRMSCI 170A (4)</td>
<td>PHRMSCI 170B (4)</td>
<td>Recommended if not completed earlier:</td>
</tr>
<tr>
<td></td>
<td>PHRMSCI 172 (2, P/NP)</td>
<td>PHRMSCI 177 / 177L (7)</td>
<td>PHRMSCI 173 (4)</td>
<td>PHYSICS 3B (4)</td>
</tr>
<tr>
<td></td>
<td>PHRMSCI 174 / 174L (7)</td>
<td>PHYSICS 3B (4)</td>
<td>PHRMSCI 76 (2)</td>
<td>Upper-Div Elective #2</td>
</tr>
<tr>
<td></td>
<td>GE (4)</td>
<td>Upper-Div Elective #1</td>
<td>Spring only</td>
<td>PHRMSCI 90 (4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Upper-Div Elective #2</td>
<td>Summer Graduation is okay.</td>
</tr>
</tbody>
</table>

**Bolded courses MUST be taken in the indicated quarter/year.**

### Upper Division Electives

8 units required. Courses Range from 2-6 Units

**Pharmaceutical Sciences**
- 120L, 122L, 142, 155, 163, 175, 179

**Biological Sciences**
- D103, D104, D111L, D124, D136, D145, D148, D170
- E112L, E136, E139, E142, E183
- M114, M114L, M116L, M118L, M122, M123, M124A, M124B, M124L, M125, M137, M143, M144
- N110, N113L, N121, N131, N152, N153, N154, N156, N170

**Chemistry**
- 107, 107L, 125, 128, 128L, 138, 156, 160

**Public Health**
- 111, 120, 135, 147, 170

### PharmD Common Pre-Requisites

Each health professional school has their own set of pre-reqs. Visit each program’s website for their list of required courses. This list is not exhaustive.

**General Education Courses**
- Cultural Anthropology: Anthro 2A (GE III & VII)
- Intro to Psychology: Psych 7A (GE III)
- Intro to Sociology: Sociol 1 (GE III)
- Micro or Macro Economics: Econ 20A or 20B (GE III)

**Elective Courses**
- Professional Development and Careers: PhrmSci 3
- Public Speaking: PhrmSci 90 (winter, spring, summer only)
- Basic Statistics: Stats 7 or 8 (Math requirement)
- One Physics Lab: Physics 3LB OR 3LC

**Upper Division Elective Courses**
- Physio Lab: Bio E112L (4 units) or PhrmSci 120L (2 units)
- Anatomy: Bio E136 (Lec only) or Bio D170 (Lec and Lab)
- Microbio Lecture: Bio M122
- Microbio Lab: Bio M118L (5 units) OR PhrmSci 122L (3 units)

All of these courses may be completed at a Community College.
I. University Requirements
   □ American History
   □ American Institutions

II. Graduation Requirements
   □ 180 units needed to graduate (168 GRADED units)
   □ 2.0 Cumulative GPA
      • 2.0 average GPA in all courses for the major
      • 2.0 term GPA the last quarter you graduate

III. General Education Requirements
   □ IGETC (Transfer Students Only)
   □ I. Writing
      • Lower Division: Writing 40, 50, 60
        (Depending upon placement)
        ○ Writing 40 must be complete before Fall Year 2
        ○ Writing 60 must be complete before Fall Year 3
      • Upper Division: BioSci 100 + PhrmSci 174L + PhrmSci 177L
   □ II. Science and Technology
      Completed through courses for the PharmSci major
   □ III: Social and Behavioral Sciences (3 courses needed)
   □ IV: Arts and Humanities (3 courses needed)
   □ V: Quantitative, Symbolic & Computational Reasoning
      Completed through courses for the PharmSci major
   □ VI: Language Other than English (1 year needed)
      Can be satisfied through level 3 of high school language
   □ VII: Multicultural Studies (1 course needed)
   □ VIII: International/Global Issues (1 course needed)

IV. PhrmSci Major Requirements
   □ General Biology
      • BioSci 93 & 93L and 94 & 94L (taken Year 1)
      • BioSci 97, 98 & 99 (taken Year 2)
   □ General Chemistry
      • Chem 1A, 1B, 1C & 1LC
        * Must be completed by end of Year 1
      • Chem 1LD
        * Must be completed by Fall Year 2
   □ Organic Chemistry
      • Chem 51A, 51B, 51LB, 51C & 51LC
        ○ Courses must be completed by end of Year 2
      • Chem 51LD (Fall or Summer of Year 3 or 4)
        ○ Can be taken anytime before graduation
   □ Math
      • Math 2A (pre-req/co-req for Physics 3A)
        ○ NOTE: Completing Math 1B, or passing the ALEKS exam with 80% is required to enroll in Math 2A: testingcenter.uci.edu
      • Math 2B (pre-req/co-req for Physics 3C)
      • Stats 7 or 8, or Math 2D or 3A (anytime by graduation)
   □ Physics
      • Physics 3A, 3B & 3C
        ○ NOTE: Physics 3A is a pre-req for 3B and 3C. Physics 3C is pre-req for PhrmSci 171.
   □ Lower Division PhrmSci Requirements
      • PhrmSci 1 (Fall Year 1)
      • PhrmSci 42
      • PhrmSci 76 (Spring Quarter Only)
   □ Upper Division PhrmSci Requirements
      • BioSci 100
        ○ (pre-req: BioSci 99; offered ALL quarters)
      • BioSci E109
        ○ (pre-req: BioSci 93 & Chem 1C)
      • PhrmSci 170A
        ○ (pre-reqs/co-reqs: Chem 51C & BioSci E109)
      • PhrmSci 170B
        ○ (pre-req: PhrmSci 170A)
      • PhrmSci 171
        ○ (pre-reqs: Math 2B, Physics 3C, BioSci 99 & Chem 1C)
      • PhrmSci 172
        ○ (pre-reqs: BioSci 99 & Chem 51C)
      • PhrmSci 173
        ○ (pre-req/co-req: PhrmSci 170B)
      • PhrmSci 174 & 174L
        ○ (pre-reqs: PhrmSci 170B; 174L also needs Bio 100)
      • PhrmSci 177 & 177L
        ○ (pre-reqs: Chem 51C & BioSci 98; 177L also needs Bio 100)
   □ Upper Division Electives
      • 8 units of electives needed
        ○ See front page for listing of all choices
        ○ Pre-reqs and units vary - check Schedule of Classes for up-to-date pre-reqs and units