<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>- BIO SCI 93 (4)</td>
<td>- BIO SCI 94 (4)</td>
<td>- CHEM 1C/1LC (7)</td>
</tr>
<tr>
<td></td>
<td>- CHEM 1A (4)</td>
<td>- CHEM 1B (4)</td>
<td>- MATH 2A/B (4)</td>
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<td></td>
<td>- PHRMSCI 1 (1, P/NP)</td>
<td>- WRITING 40/50/60 (4); or MATH 1B (4) or ALEKS</td>
<td>- WRITING 40/50/60 (4)</td>
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<td>- GE (4)</td>
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<tr>
<td>2</td>
<td>- BIO SCI 97 (4)</td>
<td>- CHEM 1B/1LC (7)</td>
<td>- CHEM 99 (4)</td>
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<td>- CHEM 51A/1LD (7)</td>
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<td>- CHEM 51C/51LC (7)</td>
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<td>- PHRMSCI 42 (2)</td>
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<td>- PHRMSCI 3 (1, P/NP)</td>
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<tr>
<td>3</td>
<td>- BIO SCI E109 (4)</td>
<td>- PHRMSCI 170A (4)</td>
<td>- PHRMSCI 170B (4)</td>
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<td></td>
<td>- PHYSICS 3A (4)</td>
<td>- PHYSICS 3B (4)</td>
<td>- PHYSICS 3C (4)</td>
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<td>- BIO SCI 100 (3,P/NP)</td>
<td>- GE</td>
<td>- PHRMSCI 173 (4)</td>
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<td>- CHEM 51LD (3)</td>
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<tr>
<td>4</td>
<td>- PHRMSCI 171 (4)</td>
<td>- PHRMSCI 177, 177L (7)</td>
<td>- PHRMSCI 76 (2)</td>
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<td></td>
<td>- PHRMSCI 172 (2, P/NP)</td>
<td>- STATS 7 or 8 (4)</td>
<td>- GE</td>
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<tr>
<td></td>
<td>- PHRMSCI 174, 174L (7)</td>
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</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, D136, D145, D148, D170  
- E112L, E136, E139, E142  
- M114, M114L, M116L, M118L, M122, M123, M124A, M124B, M124L, M125, M137, M143, M144  
- N110, N113L, N153, N154

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

#### Public Health
- 121, 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 & VIII)  
- Introduction to Psychology: Psych 7A (GE III)  
- Introduction to Sociology: Sociol 1 (GE III & VII)  
- Micro- or Macro-Economics: Econ 20A or 20B (GE III)

#### Elective Courses
- Professional Development and Careers: PhrmSci 3  
- Public Speaking: PhrmSci 90  
- Basic Statistics: Stats 7 (Math requirement)  
- Physics Labs: Physics 3LB and/or 3LC

#### Upper Division Elective Courses
- Physiology Lab: Bio Sci E112L OR PhrmSci 120L  
- Anatomy Lecture and Lab: Bio Sci D170  
- Microbiology Lecture: Bio Sci M122  
- Microbiology Lab: Bio Sci M118L OR PhrmSci 122L

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 overall GPA
  - GPA in PhrmSci major at least a 2.0
  - Quarter you graduate at least a 2.0

III. General Education Requirements
- IGETC (Transfer Students Only)
  - I. Writing
    - Lower Division: Writing 40, 50, 60, depending upon placement
      - * Writing 40 must be completed before Fall Year 2
      - * Writing 60 must be completed 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 & 94 (Taken during Year 1)
  - BioSci 97, 98 & 99 (Taken during 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 (Fall Quarter & Summer Only)
  - PhrmSci 76 (Spring Quarter Only)
- Upper Division PhrmSci Requirements
  - BioSci 100 (pre-req: BioSci 99; offered ALL quarters)
  - PhrmSci 170B (pre-req: PhrmSci 170A)
  - PhrmSci 172 (pre-reqs: BioSci 99 & Chem 51C)
  - PhrmSci 173 (pre-req/co-req: PhrmSci 170B)
- 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