California State University, Northridge

What Classes are Required to Attend Pharmacy School?

There are 140 Pharmacy schools in the US, and 13 of them are in California. Required courses are listed below and must be completed with a “C” or higher.

For more information on pharmacy school, please see [www.pharmacyforme.org](http://www.pharmacyforme.org)

Need help to plan your courses?
CSUN’s Health Professions Advisor: Dr Terri Richardson: Chaparral Hall, 5104
(818) 677-7305 terri.richardson@csun.edu

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Calif Health Sciences</th>
<th>Calif Northstate</th>
<th>Chapman</th>
<th>KGI</th>
<th>Loma Linda***</th>
<th>Ketchum***</th>
<th>Touro</th>
<th>UCSD</th>
<th>UCSF</th>
<th>USC</th>
<th>Univ of Pacific***</th>
<th>West Coast</th>
<th>Western</th>
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<td>Biol 106/L, 107/L</td>
<td>X X</td>
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<td>X or Biol 101/L</td>
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<td>X or Biol 101/L</td>
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<td>Chem 464</td>
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<td>Other Science Courses</td>
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<td>Psy 150</td>
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<td>Additional GE (Humanities, Social Science)</td>
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### California State University, Northridge

#### What Classes are Required to Attend Pharmacy School?

<table>
<thead>
<tr>
<th>FAQ</th>
<th>Calif Health Sciences</th>
<th>Calif Northstate</th>
<th>Chapman</th>
<th>KGI</th>
<th>Loma Linda*#</th>
<th>Ketchum*</th>
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<td>Yrs to finish?</td>
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<td>PCAT Required?</td>
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<td>No</td>
<td>No</td>
<td>Only if not getting degree or if Intl Degree held</td>
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<td>Optional, will be considered if taken</td>
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<td>Can prereqs be in progress during application?</td>
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<td>Yes, must be done by Spring of matric year</td>
<td>Yes, done by end Spring</td>
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<td>Yes</td>
<td>Yes, done by final week of July of matric year</td>
<td>Yes, done by end of summer</td>
<td>Yes, done by end of Spring</td>
<td>Yes, done by end of Summer</td>
<td>Yes, done by end of Spring</td>
<td>Yes, done by end of Spring</td>
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<td>Online lab OK?</td>
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<td>No info on website</td>
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<td>No lectures or labs online</td>
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<td>Prereq GPA 3.0 minimum</td>
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<td>Suggest 3.0</td>
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<td>3.0 required</td>
<td>2.8 required</td>
<td>3.0 req</td>
<td>Min 2.7</td>
<td>Min 2.5</td>
<td>2.75</td>
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<td>Application Deadline</td>
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<td>June (M)</td>
<td>March (M)</td>
<td>June (M)</td>
<td>April (M)</td>
<td>June (M)</td>
<td>May (M)</td>
<td>Nov (A)</td>
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<td>Dec (A)</td>
<td>Jan (M)</td>
<td>June (M)</td>
<td>Dec (A)</td>
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<td>Bachelor Degree Required?</td>
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<td>No but preferred</td>
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<td>Yes</td>
<td>No but preferred</td>
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<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No but preferred</td>
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<tr>
<td>Do my courses expire?</td>
<td>No info</td>
<td>Science courses must be less than 9 years old</td>
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<td>Science courses less than 10 years old</td>
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<td>No info</td>
<td>No info</td>
<td>Science courses within 10 years</td>
<td>Science courses within 10 years</td>
<td>Physiology, Microbiology, Organic &amp; Biochem done within 9 years</td>
<td>Organic Chem &amp; Bio within 7 years unless advanced courses taken more recently</td>
<td>Courses within 10 years</td>
<td>Science courses and any AP within 10 years</td>
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</table>
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What Classes are Required to Attend Pharmacy School?

• **Anatomy and Physiology Courses**: There are two choices for completing A&P: CSUN has a two-semester upper division combined Anatomy and Physiology sequence. Completing both Biol 382/L and 383/L will provide you with one full 4-unit course of Anatomy and one full 4-unit course of Physiology. Secondly, you could take lower division stand-alone Anatomy (Biol 211/212, 3 units) and Physiology (281/282, 4 units) courses.

• **Microbiology Courses**: Biol 215/L (Intro to Microbiology) requires only Biol 101/L & Chem 102/L as a prerequisite. BIOL 315/L (Principles of Microbiology) requires Biol 106/L & 107/L and Chem 102/L as prerequisites.

• ***Several Schools require additional GE courses if you will not be earning a bachelor's degree before matriculation:***
  - Loma Linda: 12 units Soc/Behav Sciences, 12 units Arts & Humanities, 6 units English
  - Ketchum: 6 units English and 3 units of extra Social Sciences courses
  - UOP: Global Studies (Anth 152), Worldviews & Ethics (Phil 150), Visual & Performing Arts (Art 110)

• #: Loma Linda requires a letter from pastor, clergy or spiritual advisor.
  - Loma Linda: 12 units Soc/Behav Sciences, 12 units Arts & Humanities, 6 units English
  - Ketchum: 6 units English and 3 units of extra Social Sciences courses
  - UOP: Global Studies (Anth 152), Worldviews & Ethics (Phil 150), Visual & Performing Arts (Art 110)

Postbac Programs (if GPA is not competitive):
- Cal Northstate, Chapman, UCSD and USC have MS Pharmaceutical Sciences programs.
- KGI has an MS in Biopharmaceutical Processing program.
- Ketchum has an MS Applied Life Sciences program.
- UCSF has several programs: MS in Biomedical Imaging, MS in Global Health Science and an Interprofessional Postbac Program.

Updated 3/2019