California Northstate University College of Pharmacy (CNUCOP) does not require a Bachelor’s degree or PCAT for entry into the pharmacy program; however, a Bachelor’s degree is preferred. Additionally, applicants must have a high school diploma or GED. Pre-requisite coursework that must be completed prior to the start of the academic school year is listed below. In addition to the pre-requisite coursework, at least 18 semester units (27 quarter units) of general education courses must be completed. Applicants who have or will have earned a Bachelor's degree prior to enrollment at the College of Pharmacy will have completed the general education requirements as part of their Bachelor’s degree program. In addition to the coursework required below, each student must complete and submit a PHARMCAS Application and Supplemental Application, which is housed on our webpage (CNUCOP webpage -> Prospective Students -> Admissions -> Step 2 and Step 3). Your application to our program cannot be reviewed until you have completed the PHARMCAS application. The Supplemental Application should also be completed as soon as possible after the PHARMCAS application has been submitted.

<table>
<thead>
<tr>
<th>Pre-requisite Courses</th>
<th>Semester/Quarters</th>
<th>Estimated Semester/Quarter Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry*</td>
<td>2/3</td>
<td>8/12</td>
</tr>
<tr>
<td>Organic Chemistry*</td>
<td>2/3</td>
<td>8/12</td>
</tr>
<tr>
<td>Biochemistry or Cell &amp; Molecular Biology</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>General Biology*</td>
<td>2/3</td>
<td>8/12</td>
</tr>
<tr>
<td>Microbiology</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Physiology ***</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Anatomy ***</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Physics **</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Calculus**</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Statistics</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>1/1</td>
<td>3/4</td>
</tr>
<tr>
<td>English Composition**** +</td>
<td>2/2</td>
<td>6/8</td>
</tr>
</tbody>
</table>

Total (est.) 54/81

* Course must have lab component or lab equivalent (exception: General Biology only requires 1 lab or lab equivalent)
** A 4+ AP score is acceptable
*** A 1-yr Anatomy & Physiology Course will satisfy this requirement
****English Composition: A minimum of two 3-semester unit courses or two 4-quarter unit courses will meet this requirement. Typically this course is the freshman composition sequence (equivalent to ENGL 1A and 1B) required for many bachelor’s degree programs. English Composition must be completed at an accredited institution in the United States or at an accredited institution in a predominately English speaking country. English as a Second Language courses will not fulfill this requirement. (*An AP Exam score of 4 or 5 will fulfill only one semester of this requirement.) CNU’s AP Code is 7669.
General Education Requirements
Applicants must complete at least 18 semester units or 27 quarter units of general education. The general education requirements should include, at a minimum, at least one 3-semester unit course from each of the general education categories (A – F) listed below. Each category includes examples of acceptable courses. Other general education courses may be acceptable if they are listed under these categories in your institutions general or course catalogue. Appropriate AP exams with scores of 4 or 5 are acceptable to fulfill general education requirements; however, a maximum of 4 AP exams will be accepted.

General Education Categories:

A. Individual, Group, and Interpersonal Behavior

Examples: General Psychology
Sociology
Abnormal Psychology
Development Psychology
Social Psychology

B. U.S. Studies

Examples: Economics
U.S. History
U.S. Government

C. Global Studies (Recommend Intercultural Communication)

Examples: Intercultural Communication
Cultural Anthropology
Cultural or Political Geography
European History
East Asian Civilization
Latin American History
Classical Mythology

D. Language and Literature

Examples: Spanish Language Course
Medical Terminology
E. Worldviews and Ethics (Critical Thinking and Logic courses do not fulfill this requirement. A biomedical ethics course is recommended.)

Examples:
- History of Medicine
- Biomedical Ethics
- Comparative Religions
- History of Western Civilization
- Introduction to Philosophy
- Political Philosophy
- Existential Philosophy
- Oriental Philosophy
- Fundamentals of Ethics
- Sociology of Religions
- Introduction to Religion

F. Visual and Performing Arts

Examples:
- Healthcare Film History and Studies
- Introduction to Art
- Applied Art
- Survey of Western Art
- European Art
- Oriental Art
- Art History
- Photography
- Introduction to the Theater
- History of the Theater
- Dance
- History of Music
- Music Appreciation
- Applied Music
- Film History and Studies