

**Course Equivalents (Articulation Agreements)  
to Loma Linda University School of Pharmacy  
from California State University, San  
Bernardino: 2023-2024**

Prerequisite	California State University Equivalent Courses		Units
General Biology I with lab	BIOL 2010	Principles of Biology I	5
General Biology II with lab	BIOL 2020	Principles of Biology II	5
General Chemistry I with lab	CHEM 2100 & 2100 lab	General Chemistry I	4-1
General Chemistry II with lab	CHEM 2200 & 2200 lab	General Chemistry II	4-1
Organic Chemistry I with lab	CHEM 2400 & 2400 lab	Organic Chemistry I	3-1
Organic Chemistry II with lab	CHEM 2500 & 2500 lab	Organic Chemistry II	3-1
General Physics I with lab	PHYS 2000 & 2000 lab	Introduction to Physics	4-1
Cellular & Molecular Biology	BIOL 3100 <b>OR</b> BIOL 3120	Cell Biology <b>OR</b> Molecular Biology	4
<b>Additional Recommended Sciences:</b>			
Genomics	BIOL 5260	Genomics	4
Genetics	BIOL 3300	Genetics	4
Histology	-	-	-
Immunology	BIOL 5370	Immunology	5
Microbiology	BIOL 3200	Microbiology	4
Physiology	BIOL 2240 <b>OR</b> BIOL 4640	Anatomy & Physiology	4-5
Biochemistry	CHEM 4100	Biochemistry	3
<p><b>Students who have not completed a bachelor's degree</b> or are not planning on completing a bachelor's degree are considered for admission to the School of Pharmacy. Applicants without a bachelor's degree must complete additional courses in the following areas:</p> <p>English Composition                      <i>* 6 semester or 9 quarter hours of English Composition. This should be the freshman composition sequence. Remedial English and English as a Second Language (ESL) course are not acceptable to fulfill this requirement. English courses must be taken from the English Department.</i></p> <p>Humanities/Fine Arts                      <i>* 12 semester or 16 quarter hours of Humanities/Fine Arts. Recommended areas include literature, philosophy, history, ethics, foreign language, art history, or music history. Studio or performance classes in art and music are not acceptable.</i></p> <p>Social and Behavioral Sciences                      <i>* 12 semester or 16 quarter hours of Social and Behavioral Sciences Recommended areas include cultural diversity, anthropology, psychology, psychobiology, economics, political science, geography, and sociology</i></p>			
<b>*Advanced Placement (AP) Credit</b>	AP credit will be accepted as fulfilling the first quarter/semester of any prerequisite sequence		
<b>*College Level Examination Program (CLEP) Credit</b>	CLEP credit will NOT be accepted to fulfill any of the prerequisite courses		
<b>*Distance and Online Courses</b>	Distance and online courses can be accepted to fulfill prerequisite courses on a case by case basis.		

Updated 08/11/2023