

**Course Equivalents (Articulation Agreements)  
to Loma Linda University School of Pharmacy  
from Walla Walla University: 2022-2023**

Prerequisite	Walla Walla University Equivalent Courses		Units
General Biology I with lab	BIOL 141	General Biology I	4
General Biology II with lab	BIOL 142	General Biology II	4
General Biology III with lab	BIOL 143	General Biology III	4
General Chemistry I with lab	CHEM 141 & 144 lab	General Chemistry I and Lab	3 / 1
General Chemistry II with lab	CHEM 142 & 145 lab	General Chemistry II and Lab	3 / 1
General Chemistry III with lab	CHEM 143 & 146 lab	General Chemistry III and Lab	3 / 1
Organic Chemistry I	CHEM 321	Organic Chemistry	4
Organic Chemistry I with lab *	CHEM 324	Introduction to Organic Chemistry Lab	1
Organic Chemistry II	CHEM 322	Organic Chemistry	4
Organic Chemistry II with lab	CHEM 325	Introduction to Organic Chemistry Lab	1
Organic Chemistry III *	CHEM 383	Intermediate Organic Chemistry III	3
Organic Chemistry III with lab *	CHEM 386	Microscale Organic Lab	2
General Physics I with lab	PHYS 211 & 214 lab	General Physics I and Lab	3 / 1
Cell Biology	BIOL 381	Cell Biology I: Structure & Bioenergetics	4
<b>Additional Recommended Sciences:</b>			
Genetics	BIOL 382	Cell Biology II: Genetics and Molecular Biology	4
Genomics	BIOL 383	Cell Biology III: Genomics and Regulation	4
Histology	BIOL 449	Vertebrate Histology	4
Immunology	BIOL 466	Immunology	4
Microbiology	BIOL 222 <b>OR</b> BIOL 445	Microbiology <b>OR</b> Advanced Microbiology	4 4
Physiology	BIOL 122 & 123 <b>OR</b> BIOL 464	Anatomy & Physiology <b>OR</b> Animal Physiology	5 5
General Biochemistry	CHEM 431	Foundations of Biochemistry	5
<p><b>Students who have not completed a bachelor's degree</b> or are not planning on completing a bachelor's degree are considered in rare circumstances for admission to the School of Pharmacy. Applicants without a bachelor's degree must complete additional courses in the following areas:</p>			
English Composition	<p><b>* 6 semester / 9 quarter hours of English Composition.</b> 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.</p>		
Humanities/Fine Arts	<p><b>*12 semester / 16 quarter hours of Humanities/Fine Arts.</b> 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.</p>		
Social and Behavioral Sciences	<p><b>*12 semester / 16 quarter/hours of Social and Behavioral Sciences</b> Recommended areas include cultural diversity, anthropology, psychology, psychobiology, economics, political science, geography, and sociology</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 will be accepted to fulfill prerequisite courses due to emergency distance learning.		

Updated 11/11/2021

\*Previous Organic Chemistry III & Lab Sequence: CHEM 321, 322, 323, 325 or 335, 325 or 326 (to June 2015)