

**Course Equivalents (Articulation Agreements)
to Loma Linda University School of Pharmacy
from Walla Walla University: 2020-2021**

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
General Biochemistry OR	CHEM 431 OR	Foundations of Biochemistry OR	5
Cell Biology OR	BIOL 381 OR	Cell Biology I: Structure & Bioenergetics OR	4
Molecular Biology	BIOL 382	Cell Biology II: Genetics & Molecular Biology	4
Additional Recommended Sciences:			
Genomics			
Genetics	BIOL 382	Genetics & Molecular Biology Techniques	4
Histology	BIOL 449	Vertebrate Histology	4
Immunology	BIOL 466	Immunology	4
Microbiology	BIOL 222 OR	Microbiology OR	4
	BIOL 445	Advanced Microbiology	4
Physiology	BIOL 122 & 123 OR	Anatomy & Physiology OR	5
	BIOL 464	Animal Physiology	
<p>Students who have not completed a bachelor's degree 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> <p>English Composition <i>* 6 semester / 9 quarter hours of English Composition.</i> 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> <p>Humanities/Fine Arts <i>*12 semester / 16 quarter hours of Humanities/Fine Arts.</i> 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> <p>Social and Behavioral Sciences <i>*12 semester / 16 quarter/hours of Social and Behavioral Sciences</i> Recommended areas include cultural diversity, anthropology, psychology, psychobiology, economics, political science, geography, and sociology</p>			
Advanced Placement (AP) Credit	AP credit will be accepted as fulfilling the first quarter/semester of any prerequisite sequence		
College Level Examination Program (CLEP) Credit	CLEP credit will NOT be accepted to fulfill any of the prerequisite courses		
Distance and Online Courses	Distance and online courses are not accepted to fulfill prerequisite courses.		

Updated 9/14/18

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