

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

Prerequisite	Southwestern Adventist Equivalent Courses		Units
General Biology I with lab	BIOL 111	General Biology I	4
General Biology II with lab	BIOL 112	General Biology II	4
General Chemistry I with lab	CHEM 111	General Chemistry I	4
General Chemistry II with lab	CHEM 112	General Chemistry II	4
Organic Chemistry I with lab	CHEM 231	Organic Chemistry I	4
Organic Chemistry II with lab	CHEM 232	Organic Chemistry II	4
Cellular & Molecular Biology	BIOL 340 OR	Cellular and Molecular Biology I	4
	BIOL 341	Cellular and Molecular Biology II	4
General Physics I with lab	PHYS 121	General Physics I	4
Additional Recommended Sciences:			
Genomics			
Human Genetics			
Immunology	BIOL 455	Immunology	3
Histology	BIOL 450	Histology	4
Microbiology	BIOL 220	Microbiology and Immunology	4
Physiology	BIOL 102 or BIOL 410	Anatomy & Physiology or Human Physiology	4
General Biochemistry	CHEM 431	Biochemistry I	3 or 4
<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 * 6 semester or 9 quarter hours of <i>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 * 12 semester or 16 quarter hours of <i>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 * 12 semester or 16 quarter hours of <i>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 will be accepted to fulfill prerequisite courses due to emergency distance learning.		

Updated 11/10/2021

*BIOL 318 Microbiology & Immunology no longer offered