

University of California - Irvine

Listed below are the equivalent required courses from the institution listed above needed to satisfy prerequisite requirements for admission to the Manchester University College of Pharmacy.

Area of study	Equivalent Required Course	Semester Hours
Biology*	BIO SCI D170 Applied Human Anatomy -or- BIO SCI E 109 Human Physiology -or- PHRMSCI 120 Human Physiology	4-6
	<i>various</i>	3-4
Microbiology	BIO SCI M118L Experimental Microbiology Laboratory -or- BIO SCI M122 General Microbiology	4-5
General Chemistry	CHEM 1A/1AL General Chemistry/Lab	6
General Chemistry	CHEM 1C/L General Chemistry/Lab	7
Organic Chemistry	CHEM 51B/L Organic Chemistry/Lab	7
Organic Chemistry	CHEM 51C/L Organic Chemistry/Lab	7
Communications	HUMAN H145 Arts of Contemporary Communication	4
English	WRITING 37 Intensive Writing -or- WRITING 39A Introduction to Writing and Rhetoric	4-6
Calculus	MATH 2A Single-Variable Calculus or MATH 5A Calculus for Life Sciences	4
Statistics	STATS 7 Basic Statistics	4
Physics	PHYSICS 3A Basic Physics I	4
Economics	ECON 1 Introduction to Economics	4
Humanities electives (2)	<i>Various options</i>	6-8
Social Science elective	<i>Various options</i>	3-4
Other elective courses	<i>Various options</i>	As needed to total at least 60 semester credit hours
TOTAL SEMESTER HOURS		60

Notes:

- Classes based on the 2019-20 course catalog
 - If semester hours differ at your institution, you must make up the remaining semester hours via elective coursework.
 - Manchester University suggests that at least one of the humanities/social science electives deals primarily with an international culture.
- * One of the two semesters of the full-year biology requirement, must be anatomy, physiology, or a combination of both (i.e. Human Anatomy & Physiology I). The other semester can be any biology course of your choosing.