

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*	BIOS 3420/3435 Principles of Physiology/Lab	7
	<i>Various options</i>	3-4
Microbiology	BIOS 3220/3225 General Microbiology/Lab	5
General Chemistry	CHEM 1510 Fundamentals of Chemistry I	4
General Chemistry	CHEM 1520 Fundamentals of Chemistry II	4
Organic Chemistry	CHEM 3050/3080 Organic Chemistry I/Lab	4
Organic Chemistry	CHEM 3060/3090 Organic Chemistry II/Lab Advanced	4
Communications	COMS 1030 Fundamentals of Public Speaking	3
English	ENG 1510 Writing and Rhetoric I	3
Calculus	MATH 2301 Calculus I	4
Statistics	MATH 2500 Introduction to Statistics	4
Physics	PHYS 2001 Introduction to Physics	4
Economics	ECON 1030 -or- ECON 1040 Principles of Microeconomics	3
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 2020-21 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.