

**Wayne State University**

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 2870 Anatomy and Physiology	5
	<i>various</i>	3-4
Microbiology	BIO 2200 Introductory Microbiology	5
General Chemistry	CHM 1220/1230 General Chemistry I/Lab	5
General Chemistry	CHM 2280/2290 General Chemistry II/Lab	5
Organic Chemistry	CHM 1240/1250 Organic Chemistry I/Lab	5
Organic Chemistry	CHM 2220/2230 Organic Chemistry II/Lab	5
Communications	COM 1010 Oral Communication: Basic Speech	3
English	ENG 1020 Introductory College Writing	3
Calculus	MAT 2010 Calculus I	4
Statistics	STA 2210 Probability and Statistics	4
Physics	PHY 2130/2131 Physics for the Life Sciences I/Lab	5
Economics	ECO 2010 Principles of Microeconomics -or- ECO 2020 Principles of Macroeconomics	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
<b>TOTAL SEMESTER HOURS</b>		<b>60</b>

**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.