

**Macomb Community College**

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*	BIOL 2710 Human Physiology Anatomy	6
	BIOL 1000 General Biology	4
Microbiology	BIOL 2400 General Microbiology	4
General Chemistry	CHEM 1170 General Chemistry I	4
General Chemistry	CHEM 1180 General Chemistry II	4
Organic Chemistry	CHEM 2260/2270 Organic Chemistry I/Organic Chemistry I Lab	6
Organic Chemistry	CHEM 2280 Organic Chemistry II	4
Communications	SPCH 1060 Speech Communication	3
English	ENGL 1180 Communications I	3
Calculus	MATH 1760 Analytic Geometry & Calculus I	4
Statistics	MATH 1340 Statistics	4
Physics	PHYS 1180 College Physics I	4
Economics	ECON 1160 Principles of Economics I	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
<b>TOTAL SEMESTER HOURS</b>		<b>60</b>

**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.