

**Adrian 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 104 Animal Biology -or- BIOL 455 Human Anatomy	3-4
	<i>various</i>	3-4
Microbiology	BIOL 326 Microbiology	4
General Chemistry	CHEM 105 General Chemistry I	3
General Chemistry	CHEM 106 General Chemistry II	3
Organic Chemistry	CHEM 224 Organic Chemistry I	3
Organic Chemistry	CHEM 225 Organic Chemistry II	3
Communications	COMM 102 Principles & Practices of Public Speaking	3
English	CORE 101 Academic Foundations I	3
Calculus	MATH 135 Calculus & Analytic Geometry I	4
Statistics	MATH 204 Statistics	3
Physics	PHYS 101 Introductory Physics I	3
Economics	ECON 201 Principles of Microeconomics -or- ECON 202 Principles of Macroeconomics	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 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.