

**Vincennes 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*	BIOL 211/211L Human Systems I: Anatomy and Physiology/Lab -or- BIOL 212/212L Human Systems II: Anatomy and Physiology/Lab	3-4
	<i>various</i>	3-4
Microbiology	BIO 208/208L Microbiology for the Health Sciences/Lab	4
General Chemistry	CHEM 105 General Chemistry I AND CHEM 105L General Chemistry/Quantitative Analysis Laboratory	4
General Chemistry	CHEM 106/106L General Chemistry II/Qualitative Analysis Lab	4
Organic Chemistry	CHEM 215/215L Organic Chemistry I/Lab	4
Organic Chemistry	CHEM 216/216L Organic Chemistry II/Lab	4
Communications	COMM 143 Speech	3
English	ENGL 101 English Composition I	3
Calculus	MATH 115 Survey of Calculus I	4
Statistics	MATH 110 Statistics	3
Physics	PHYS 205 Physics for Scientists and Engineers I	4
Economics	ECON 201 Microeconomics -or- ECON 202 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.