

Indiana 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 231 Human Anatomy -and- BIO 241 Human Physiology	4
	<i>various</i>	3-4
Microbiology	BIOL 374 Cellular and Microbial Biology I with Lab	4
General Chemistry	CHEM 105 General Chemistry I with Lab	4
General Chemistry	CHEM 106 General Chemistry II with Lab	4
Organic Chemistry	CHEM 351 Organic Chemistry I with Lab	4
Organic Chemistry	CHEM 352 Organic Chemistry II with Lab	4
Communications	COMM 101 Introduction to Public Communication	3
English	ENG 101 Freshman Writing I -or- ENG 105 Freshman Writing II -or- ENG 107 Rhetoric and Writing	3
Calculus	MATH 131 Calculus I	4
Statistics	MATH 241 Principles of Statistics	3
Physics	PHYS 105 General Physics I with Lab	4
Economics	ECON 201 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 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.