

Earlham 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 -or-	Semester Hours
Biology*	BIOL 345/347 Anatomy and Physiology I and II (preferred)	8
	<i>various</i>	3-4
Microbiology	BIOL 461 Microbiology	4
General Chemistry	CHEM 111 Principles of Chemistry	4
General Chemistry	CHEM 331 Equilibrium and Analysis	5
Organic Chemistry	CHEM 221 Organic Chemistry I	4
Organic Chemistry	CHEM 321 Organic Chemistry II	4
Communications	ES1 Stories of Medicine and Humanity	4
English	ENG course with <i>WI</i> component	4
Calculus	MATH 180 Calculus	4
Statistics	MATH 120 Elementary Statistics	3
Physics	PHYS 120 General Physics I -or- PHYS 125 Analytical Physics I	4
Economics	ECON 101 Introduction to Macroeconomics - or - ECON 103 Introduction to 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.