

Washington State University-Vancouver

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	Units
Biology*	BIOLOGY 354 Human Anatomy for Health Occupations	4
	<i>various</i>	4
Microbiology	BIOLOGY 402 Beneficial Microbes in Nature and Society	3
General Chemistry	CHEM 105 Principles of Chemistry I	4
General Chemistry	CHEM 106 Principles of Chemistry II	4
Organic Chemistry	CHEM 345 Organic Chemistry I	4
Organic Chemistry	CHEM 348 Organic Chemistry II	4
Communications	COM 102 Public Speaking in the Digital Age	3
English	ENGLISH 101 College Composition	3
Calculus	MATH 171 Calculus I	4
Statistics	STAT 212 Introduction to Statistical Methods	4
Physics	PHYSICS 101 General Physics	4
Economics	ECONS 101 Fundamentals or Microeconomics -or- ECONS 102 Fundamentals of Macroeconomics	3
Humanities electives (2)	<i>Various options</i>	3-4
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.