



Listed below are the equivalent required courses from the institution listed above needed to satisfy prerequisite requirements for admission to the Manchester University Pharmacy Program.

Area of study	Equivalent Required Course	Semester Hours
Biology	<i>Various options / Biol 111/112 preferred</i>	
Microbiology	Boil 208/208L	4
Gen Chem 1	Chem 105 or chem 111 w/ lab	5-Apr
Gen Chem 2	Chem 106 w/ lab	5-Apr
Organic Chemistry 1	Chem 215 or 315 w/ lab	5
Organic Chemistry 2	Chem 216 or 316 w/ lab	5
Communications/Speech	Comm 143	3
English	Engl 101	3
Calculus 1	Math 115	3
Physics 1	Phys 205	3
Statistics	Math 110	3
Economics	Econ 201 or 202	3
Humanities electives	<i>Various</i>	
Social Science elective	<i>Various</i>	
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 most recently available 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.