



Ferris 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 Pharmacy Program.

Area of study	Equivalent Required Course	Semester Hours
Biology	<i>Various options (BIO 321/322 recommended)</i>	6-8
Microbiology	BIOL 386	5
General Chemistry	CHEM 121	5
General Chemistry	CHEM 122	5
Organic Chemistry	CHEM 321	5
Organic Chemistry	CHEM 322	5
Communications	COMM 121	4
English	ENGL 250	3
Calculus	MATH 220	4
Statistics	MATH 251	3
Physics	PHYS 211	4
Economics	<i>Various options</i>	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 most recently available FSU 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.