

Portland 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</i>	6-8
Microbiology	BI 380	4
General Chemistry	CH 221/227	5
General Chemistry	CH 222/228	5
Organic Chemistry	CH 334/337	6
Organic Chemistry	CH 335/338	6
Communications	COMM 200	4
English	ENG 104	4
Calculus	MTH 251	4
Statistics	STAT 243	4
Physics	PH 201	4
Economics	EC 201 or EC 202	4
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 course catalog of Portland State University (2017)
- 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.