

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 | Semester Hours |
|-----------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------|
| Biology* | BIOL-N 261 Human Anatomy; BIOL-N 217 Human Physiology | 5 |
| | <i>Various options</i> | 3-4 |
| Microbiology | BIOL-K 356/357 Microbiology/Lab | 5 |
| General Chemistry | CHEM-C 105 Principles of Chemistry I with CHEM-C 125 Experimental Chemistry I Lab | 3 / 2 |
| General Chemistry | CHEM-C 106 Principles of Chemistry II with CHEM-C126 Experimental Chemistry II Lab | 3 / 2 |
| Organic Chemistry | CHEM-C 341 Organic Chemistry I Lecture with CHEM-C 341 Organic Chemistry Laboratory I | 3 / 2 |
| Organic Chemistry | CHEM-C 342 Organic Chemistry II Lecture with CHEM-C-344 Organic Chemistry Laboratory II | 3 / 2 |
| Communications | COMM-R110 Fundamentals of Speech Communication | 3 |
| English | ENG-W 131 Reading, Writing, and Inquiry I | 3 |
| Calculus | MATH 23100 Calculus for Life Sciences I / MATH 16500 Analytic Geometry and Calculus I | 3 / 4 |
| Statistics | STAT 30100 Elementary Statistical Methods I | 3 |
| Physics | PHYS-P 201 General Physics I | 5 |
| Economics | ECON-E 201/202 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 2021-22 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.