

**University of Texas at Arlington**

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 2457 Human Anatomy and Physiology I	4
	<i>Various</i>	3-4
Microbiology	BIOL 2460 Nursing Microbiology -or- BIOL 3444 General Microbiology	4
General Chemistry	CHEM 1441 General Chemistry I	4
General Chemistry	CHEM 1442 General Chemistry II -or- CHEM 1451 Chemistry for Health Sciences	4
Organic Chemistry	CHEM 2321/2181 Organic Chemistry I/Lab	4
Organic Chemistry	CHEM 2322/2182 Organic Chemistry II/Lab	4
Communications	COMS 1301 Fundamentals of Public Speaking	3
English	ENGL 1301 Rhetoric and Composition I	3
Calculus	MATH 1426 Calculus I	4
Statistics	BIOL 2300 Biostatistics -or- MATH 1308 Elementary Statistical Analysis	3
Physics	PHYS 1441 General College Physics I	4
Economics	ECON 2305 Principles of Macroeconomics -or- ECON 2306 Principles of 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
<b>TOTAL SEMESTER HOURS</b>		<b>60</b>

**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.