

Associate of Science in Pre-Pharmacy

Program Overview

Manchester University offers a comprehensive Associate of Science in Pre-Pharmacy Program, designed to kickstart your journey as a health care professional. This program seamlessly aligns with the first two years of a B.S. in Biology-Chemistry, providing you with a strong foundation for future success in pharmacy school. And with our Pharmacy Early Assurance Program, you can reserve a seat in our Doctor of Pharmacy Program.

Our pre-pharmacy curriculum is meticulously tailored to meet the admission requirements of most pharmacy schools. Coursework covers essential areas such as chemistry, biology, and math. Additionally, you'll gain practical experience through general studies courses and health care-related activities, ensuring you are well prepared for future studies in health science. Whether your goal is to become a pharmacist or pursue a career in the health sciences, our Pre-Pharmacy Program is the ideal starting point for your journey.

Degree Requirements

To earn this degree, students must have a GPA of 2.0 or higher in the Major as well as an overall GPA of 2.0, complete a minimum of 60 credit hours, and fulfill the course requirements of the program listed below.

*This is a sample plan; specific courses may vary from year to year. Academic advisors will work with each student to develop their individual schedule.

Major-Specific Required Courses			CREDITS
✓			
	BIOL 202/L	Fundamentals of Human Physiology w/Lab	4
	BIOL 204/L	Fundamentals of Human Anatomy w/Lab	4
	BIOL 229/L	Introduction to Molecular Biology/Lab	4
	BIOL 313/L	Microbiology w/Lab	4
	CHEM 111/R/L	General Chemistry I/Recitation/Lab	5
	CHEM 113/R/L	General Chemistry II/Recitation/Lab	5
	CHEM 311/R/L	Organic Chemistry I/Recitation/Lab	5
	CHEM 312/R/L	Organic Chemistry II/Recitation/Lab	5
	DATA 210^	Statistical Analysis	4
	MATH 121	Calculus I	4
	NASC 202	Exploring STEM Careers	1
	Choose 1 course in Financial Literacy, Economics, Accounting, or Business		CREDITS
	ELEC XXX		3

CORE			CREDITS
✓		Foundation	
	LA-FWS	First-Year Writing Seminar	3
	LA-FCS	First-Year Communication Seminar	3
	LA-FQR	Quantitative Reasoning	3-4
	LA-FSS	First Year Success Seminar	1
	LA-FCG	Cultural and Global Understanding	3-5
		Exploration	
	LA-EAH	Arts and Humanities	3
	LA-ENS	Natural Sciences	3-6
	LA-ESS	Social Sciences	3-4
		Transformation	
	LA-TFR	Faith, Reason, and Ethics	3

MAJOR	*Options
CORE	^CORE equivalent

Total Program Credits: 60+

Example Course Sequence:

The following is a sample of a semester-by-semester approach to completing this program in 2 years.

YEAR 1							
FIRST SEMESTER							
COURSE		CREDITS	PREREQUISITES				
BIOL 204/L	Fundamentals of Human Anatomy w/Lab	4					
CHEM 111/R/L	General Chemistry I/Recitation/Lab	5					
MATH 121	Calculus I	4					
LA-FWS	First-Year Writing Seminar	3					
LA-FSS	First Year Success Seminar	1					
JAN TERM							
COURSE		CREDITS					
LA-FCG	Cultural and Global Understanding	3					
SECOND SEMESTER							
COURSE		CREDITS					
CHEM 113/R/L	General Chemistry II/Recitation/Lab	5	CHEM 111				
BIOL 202/L	Fundamentals of Human Physiology w/Lab	4					
DATA 210^	Statistical Analysis	4					
LA-FCS	First-Year Communication Seminar	3					
		36					

YEAR 2							
THIRD SEMESTER							
COURSE		CREDITS	PREREQUISITES				
BIOL 229/L	Introduction to Molecular Biology/Lab	4	1 year of chemistry, 1 year of biology				
CHEM 311/R/L	Organic Chemistry I/Recitation/Lab	5	CHEM 113				
ELEC XXX		3					
LA-ESS	Social Sciences	3					
JAN TERM							
COURSE		CREDITS					
LA-TFR	Faith, Reason, and Ethics	3					
FOURTH SEMESTER							
COURSE		CREDITS					
BIOL 313/L	Microbiology w/Lab	4	BIOL 229 or 260				
CHEM 312/R/L	Organic Chemistry II/Recitation/Lab	5	CHEM 311				
NASC 202	Exploring STEM Careers	1					
LA-EAH	Arts and Humanities	3					
		31					
	TOTAL CREDITS	67					