

Associate of Science in Pre-Pharmacy

Year 1

Fall	January	Spring
CHEM-111 General Chemistry I	Social Science (LA-ESS)	CHEM-113 General Chemistry II
MATH-121 Calculus I		DATA-210 Statistical Analysis
BIOL-204 Fundamentals of Human Physiology		BIOL-202 Fundamentals of Human Anatomy
FYWS-111 First Year Writing Seminar		COMM-110 Found. of Human Communication
EXP-101 My Manchester Experience		EXP-102 My Personal Experience
All necessary labs		All necessary labs

Year 2

Fall	January	Spring
CHEM-311 Organic Chemistry I	Arts (LA-EAR)	CHEM-312 Organic Chemistry II
BIOL-229 Introduction to Molecular Biology		BIOL-313 Microbiology
Humanities (LA-EHU)		NASC-202 STEM Careers
		Fin/Econ/Acct/Bus Course
All necessary labs		All necessary labs

NOTES

1. The course in Financial Literacy, Economics, Accounting, or Business must be approved by the Biology-Chemistry Council.
2. The transition to a Biology-Chemistry Major after two years requires no extra courses:
 - a. BIOL-202 Human Physiology replaces BIOL-108 Principles of Biology II.
 - b. BIOL-360 Genetics, BIOL-431 Immunology, BIOL-365 Cell Biology, or BIOL-332 DNA Science will substitute for BIOL-106 Principles of Biology I.
 - c. PHYS-111/112 College Physics I/II or PHYS-210/220 General Physics I/II in Year 3 or 4.