

Thank you for your interest in the University at Buffalo! You are ready to apply via PharmCAS when you plan to have all undergraduate prerequisite courses and the PCAT completed by the end of the summer semester prior to fall matriculation. The following courses satisfy prerequisite expectations for our professional Doctor of Pharmacy [PharmD] degree program:

**Pharmacy Prerequisite Courses**

**Michigan State University Courses**

Introductory Biology I with Laboratory	BS 161 Cell & Molecular Biology & BS 171 Cell & Molecular Biology Laboratory
Introductory Biology II with Laboratory	BS 162 Organismal & Population Biology & BS 172 Organismal & Population Biology Lab
General Chemistry I with Laboratory	CEM 141 General Chemistry or CEM 151 General & Descriptive Chem & CEM 161 Lab
General Chemistry II with Laboratory	CEM 142 General & Inorganic Chem or CEM 152 Principles of Chem & CEM 162 Lab II
Organic Chemistry I with Laboratory	CEM 251 Organic Chemistry I or CEM 351 Organic Chemistry I
Organic Chemistry II with Laboratory	CEM 252 Organic Chem II & CEM 255 Lab or CEM 352 Organic Chem II & CEM 355 Lab
Calculus I	MTH 124 Survey of Calculus I or MTH 132 Calculus I
Anatomy	ANTR 350 Human Gross Anatomy for Pre-Health Professionals
Physiology	PSL 431 Human Physiology I & PSL 432 Human Physiology II
Microbiology	MMG 201 Fundamentals of Microbiology or MMG 301 Introductory Microbiology
Biochemistry	BMB 401 Comprehensive Biochemistry
Statistics	STT 200 Statistical Methods or STT 201 Statistical Methods
English Composition I	WRA 101 Writing as Inquiry
English Composition II	WRA 202 Introduction to Professional Writing
Social Behavioral Science	Any course offered in ANP, COM, EC, PSY, or SOC