

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 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

Introductory Biology I with Laboratory
 Introductory Biology II with Laboratory
 General Chemistry I with Laboratory
 General Chemistry II with Laboratory
 Organic Chemistry I with Laboratory
 Organic Chemistry II with Laboratory
 Calculus I
 Anatomy
 Physiology
 Microbiology
 Biochemistry
 Statistics
 English Composition I
 English Composition II
 Social Behavioral Science

Michigan State University Courses

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