

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

Mercyhurst University Courses

Introductory Biology I with Laboratory	BIO 146 & BIO 147 Ecology and Evolutionary Biology of Organisms & Lab
Introductory Biology II with Laboratory	BIO 142 & BIO 143 Cellular and Molecular Biology & Lab
General Chemistry I with Laboratory	CHEM 121 & CHEM 122 General Chemistry I & Lab
General Chemistry II with Laboratory	CHEM 131 & CHEM 132 General Chemistry II & Lab
Organic Chemistry I with Laboratory	CHEM 240 & CHEM 241 Organic Chemistry I & Lab
Organic Chemistry II with Laboratory	CHEM 242 & CHEM 243 Organic Chemistry II & Lab
Calculus I	MATH 170 Calculus I
Calculus II	MATH 171 Calculus II
Anatomy	BIO 240 & BIO 250 Human Anatomy & Physio I & II or BIO 334 Human Anatomy
Physiology	BIO 240 & BIO 250 Human Anatomy & Physio I & II or BIO 344 Human Physio
Microbiology	BIO 200 & BIO 201 Microbiology & Lab
Biochemistry	CHEM 331 Biochemistry I
Statistics	STAT 109 or STAT 130 or STAT 137 or STAT 139 Statistics
English Composition I	COMP 120 Research and Writing
English Composition II	ENG 241 Introduction to Professional Writing, or based on placement
Social Behavioral Science	Any course offered in ANTH, COM, ECON, PSYC, or SOC

Notes about the prerequisites:

- ◆ All prerequisite courses must be completed with a grade equal to or greater than C- by the end of the summer and prior to fall matriculation within 5 years preceding admission ([see website for details](#)). Completion of courses during the first summer session (generally from the end of May until the end of June) is expected and applicants must receive prior written approval by emailing pharm-admit@buffalo.edu.
- ◆ The University at Buffalo School of Pharmacy and Pharmaceutical Sciences (SPPS) admissions committee reserves the right to rescind an offer of admission if grades below C+ are received in multiple courses in the same terms during the fall, spring or summer semesters prior to fall matriculation in the PharmD program.
- ◆ Any prerequisites not offered at Mercyhurst can be taken at another institution. UB SPPS does not articulate courses or evaluate transcripts. To find equivalent courses, please refer to UB's Course Equivalency Guide (taurus.buffalo.edu) or course descriptions in UB's undergraduate catalog (catalog.buffalo.edu). Candidates should adhere to General Education requirements of their home campus. *Please contact the Office of Admissions and Advisement if considering undergraduate transfer to UB to complete prerequisites, as additional courses may be required.*
- ◆ It is critical that all students possess the ability to communicate effectively using both the oral and written English language. In addition to intellectual and academic competence, the school's admissions committee considers communication skills, leadership ability, community service, health care-related or research experience, and motivation for pursuing a career in pharmacy.
- ◆ All students are expected to have computer skills, specifically proficiency in personal computer operating systems, word processing and use of email. Also expected are abilities to access menu-driven programs, online databases and resources on various computer networks and on the internet, and the ability to produce professional documents utilizing data that has been accessed and manipulated from a wide range of resources.
- ◆ UB SPPS faculty have established Personal Attributes and Capabilities Essential for Admission, Progression, and Graduation (Technical Standards) for our Doctor of Pharmacy Degree. Learn more about the SPPS PharmD Technical Standards here: www.pharmacy.buffalo.edu/academic-programs/pharmd/Technical_Standards.

Curriculum may be modified as professional competencies change and new areas develop. Required prerequisites and course equivalencies are subject to change. For updates, visit pharmacy.buffalo.edu/admissions.