

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**

**College of Staten Island Courses**

Introductory Biology I with Laboratory	BIO 170 General Biology I & BIO 171 General Biology I Laboratory
Introductory Biology II with Laboratory	BIO 180 General Biology II & BIO 181 General Biology II Laboratory
General Chemistry I with Laboratory	CHM 141 General Chemistry I & CHM 121 General Chemistry I Laboratory
General Chemistry II with Laboratory	CHM 142 General Chemistry II & CHM 127 General Chemistry II Laboratory
Organic Chemistry I with Laboratory	CHM 250 Organic Chemistry I
Organic Chemistry II with Laboratory	CHM 256 Organic Chemistry II
Calculus I	MTH 230 Calculus I w/PreCalculus or MTH 231 Analytic Geometry & Calculus I
Calculus II	MTH 232 Analytic Geometry & Calculus II or MTH 236 Accelerated Calculus II
Anatomy	BIO 150 & BIO 160 Human Anatomy & Physiology I & II
Physiology	BIO 150 & BIO 160 Human Anatomy & Physiology I & II
Microbiology	BIO 350 Microbiology & Cellular Pathology
Biochemistry	CHM/BIO 370 Biochemistry I
Statistics	MTH 113 Intro to Probability & Statistics or PSY 266 Statistics in Psychology
English Composition I	ENG 111 Introduction to College Writing
English Composition II	ENG 151 College Writing
Social Behavioral Science	Any course offered in ANT, COM, ECO, PSY, 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](mailto: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 CSI 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](http://taurus.buffalo.edu)) or course descriptions in UB's undergraduate catalog ([catalog.buffalo.edu](http://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](http://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](http://pharmacy.buffalo.edu/admissions).*