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** | **Brooklyn College Courses**
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Introductory Biology I with Laboratory | BIOL 1001 General Biology 1
Introductory Biology II with Laboratory | BIOL 1002 General Biology 2
General Chemistry I with Laboratory | CHEM 1100 General Chemistry or [CHEM 1050 & 2050 Gen Chem 1a & 1b]
General Chemistry II with Laboratory | CHEM 2100 General Chemistry 2
Organic Chemistry I with Laboratory | CHEM 3511 & CHEM 3512 Organic Chemistry 1 – Lec & Lab
Organic Chemistry II with Laboratory | CHEM 3521 & CHEM 3522 Organic Chemistry 2 – Lec & Lab
Calculus I | MATH 1201 Calculus 1
Calculus II | MATH 1206 Calculus 2
Anatomy | KINS 3281 & KINS 3285 Human Anatomy & Physiology 1 & 2
Physiology | KINS 3281 & KINS 3285 Human Anatomy & Physiology 1 & 2
Microbiology | BIOL 3003 Microbiology
Biochemistry | CHEM 4571 Biochemistry 1
Statistics | MATH 3501 Intro Prob & Stat or MATH 4501 Stats or PSYC 3400 Psych Stats
English Composition I | ENGL 1010 Composition 1
English Composition II | ENGL 1012 Composition 2
Social Behavioral Science | Any course offered in ANTH, ECON, PSYC, or SOCY

**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 Brooklyn College 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](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).