

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

Alfred State Courses

Introductory Biology I with Laboratory	BIOL 1104 General Biology I
Introductory Biology II with Laboratory	BIOL 2204 General Biology II
General Chemistry I with Laboratory	CHEM 1114 General Chemistry I or CHEM 1984 Chemical Principles
General Chemistry II with Laboratory	CHEM 2124 General Chemistry II or CHEM 2984 Chemical Principles II
Organic Chemistry I with Laboratory	CHEM 3514 Organic Chemistry I
Organic Chemistry II with Laboratory	CHEM 4524 Organic Chemistry II
Calculus I	MATH 1084 Calculus I or MATH 1063 Technical Calculus I
Calculus II	MATH 2094 Calculus II or MATH 2074 Technical Calculus II
Anatomy	[BIOL 1114 & BIOL 2214] or [BIOL 1404 & BIOL 2504] Anatomy & Physiology I & II
Physiology	[BIOL 1114 & BIOL 2214] or [BIOL 1404 & BIOL 2504] Anatomy & Physiology I & II
Microbiology	BIOL 4254 General Microbiology or BIOL 5254 Principles of Microbiology
Biochemistry	CHEM 7784 Biochemistry
Statistics	MATH 2124 Statistic Methods & Analysis or MATH 2133 Statistics II
English Composition I	COMP 1503 Freshman Composition
English Composition II	LITR 2603 Introduction to Literature or COMP 3703 Technical Writing I
Social Behavioral Science	Any course offered in ANTH, ECON, PSYC, or SOCI

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 pharmacy.buffalo.edu/pharmacas 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 Admissions Committee reserves the right to rescind an offer of admission if grades at or below C+, including R (resigned), W (withdrawn), or U (unsatisfactory), are received in more than one course in the same terms during the fall, winter, spring, or summer semesters prior to fall matriculation in the PharmD program.
- ◆ Any prerequisites not offered at Alfred State 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 all students possess the ability to communicate effectively using both the oral and written English language. Written communication skills will also be assessed in a standardized manner.
- ◆ All UB students are expected to uphold standards of academic integrity. As a result, students are responsible for knowing what constitutes an act of dishonesty, and a lack of awareness is not considered an excuse. At UB, academic dishonesty includes, but is not limited to, the following: buffalo.edu/academic-integrity/about/violations. PharmCAS applicants must adhere to the Applicant Code of Conduct. The Admissions Committee reserves the right to rescind a PharmD offer of admission if students do not uphold standards of academic integrity. Students who do not demonstrate these proficiencies and attributes will not be eligible for admission.
- ◆ 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: 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.