University at Buffalo
Office of Admissions and Advisement
School of Pharmacy and Pharmaceutical Sciences

Houghton University PharmD Advising Guide

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 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	Houghton University Courses
Introductory Biology I with Laboratory	BIOL 151 + Lab General Biology: Ecology to Ecosystems
Introductory Biology II with Laboratory	BIOL 152 + Lab General Biology: Cell Biology and Genetics
General Chemistry I with Laboratory	CHEM 151 + Lab General Chemistry 1
General Chemistry II with Laboratory	CHEM 152 + Lab General Chemistry 2
Organic Chemistry I with Laboratory	CHEM 241 + Lab Organic Chemistry 1
Organic Chemistry II with Laboratory	CHEM 242 + Lab Organic Chemistry 2
Calculus I	MATH 181 Calculus 1
Anatomy	BIOL 217 & 218 + Labs Human Anatomy and Physiology I & II
Physiology	BIOL 217 & 218 + Labs Human Anatomy and Physiology I & II
Microbiology	BIOL 242 + Lab Microbiology
Biochemistry	CHEM 332 & 334 Biochemistry I with Lab
Statistics	PSY 309 Statistics
English Composition I	WRIT 101 Writing in the Liberal Arts
English Composition II	BIOL 482 Biology Capstone – Writing Enriched course
Social Behavioral Science	Any course offered in ANTH, PSY, or SOC, preferably PSY 111 or SOC 101

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