POST-BACCALAUREATE PRE-MEDICAL/PRE-HEALTH PROGRAM

Requirements

Program Requirements

Fordham Post-Baccalaureate Pre-Medical/Pre-Health Curriculum

The basic curriculum includes one year of biology, general chemistry, organic chemistry, physics, calculus and statistics, biochemistry and physiology, psychology and sociology, and English required by most medical and professional schools as prerequisites for admission. Additional upper-level science courses are also available and require prior completion of the basic sequence in biology, general chemistry, and calculus. These courses prepare students for the professional school entrance exams, e.g., MCAT, DAT, VCAT, OAT.

Course	Title	Credits
One year of general biology with lab		
BISC 1403 & BISC 1413	Introductory Biology I and Introductory Biology Lab I	5
BISC 1404 & BISC 1414	Introductory Biology II and Introductory Biology Lab II	5
One year of general chemistry with lab		
CHEM 1321 & CHEM 1331	General Chemistry I and General Chemistry Lab I	6
CHEM 1322 & CHEM 1332	General Chemistry II and General Chemistry Lab II	6
CHEM 1311	General Chemistry I Recitation	0
CHEM 1312	General Chemistry II Recitation	0
One year of organic chemistry with lab [1]		
CHEM 2521 & CHEM 2541	Organic Chemistry I and Organic Chemistry Lab I	6
CHEM 2522 & CHEM 2542	Organic Chemistry II and Organic Chemistry Lab II	6
One year of general physics with lab		
PHYS 1501 & PHYS 1511	General Physics I and Physics I Lab	3
or PHYS 1601	Introduction to Physics I	
or PHYS 1701	Physics I	
PHYS 1502 & PHYS 1512	General Physics II and Physics II Lab	3
or PHYS 1602	Introduction to Physics II	
or PHYS 1702	Physics II	
PHYS 1503	General Physics I Recitation	0
PHYS 1504	General Physics II Recitation	0
Additional courses		
BISC 3132 & BISC 3142	Human Physiology and Human Physiology Lab	5
BISC 3521	Biochemistry	3
ECON 2140	Statistics I	4
MATH 1203	Applied Calculus I	3
MATH 1205	Applied Statistics	3
PSYC 1200	Foundations of Psychology	4
PSYC 2000	Statistics	4
SOCI 1100	Introduction to Sociology	3
SOCI 2606	Social Science Statistics	4

[1] General chemistry, including labs, must be successfully completed before enrollment in organic chemistry.

Upper Level Electives

Course	Title	Credits
BISC 2539 & BISC 2549	General Genetics and General Genetics Lab	5
BISC 3221 & BISC 3231	Human Anatomy and Human Anatomy Lab	5
BISC 3643 & BISC 3653	Microbiology and Microbiology Lab [1]	5
BISC 3752	Molecular Biology	3
BISC 3754	Cell Biology	3

Note: Genetics and lab must be successfully completed before enrollment in all upper level electives.