

Biomedical Science (Pre-Medicine) Program

Stillman's Biomedical Science (Pre-Medicine) Program provides a broad-based course of study in the liberal arts that makes it possible for a student to meet the requirements for biomedical graduate and professional programs (medical, dental, pharmacy, optometry, etc.) while majoring in a specific discipline. To pursue a biomedical science course of study at Stillman, one may elect a program leading to a biology or chemistry degree. Stillman College students who successfully complete its rigorous Biomedical Science Program will meet the requirements for admission to medical school, and other professional program, and will possess the skills necessary for further success in that direction.

Several (but not all) courses offered by the Department of Natural Sciences--courses that contribute to the Biomedical Science Program curriculum--are listed below:

- BMS 220: Introduction to Biomedical Sciences
- BMS 235: Introduction to Biostatistics
- BMS 337: Cancer Biology
- BMS 430: Public Health
- BMS 434: Biochemistry II Metabolic Pathways & Clinical Applications
- BMS 435: Medical Terminology

Criteria for admission to the Biomedical Science Program include a minimum GPA of 3.0, and appropriate high school courses in math, biology, chemistry, and physics.

Persons interested in additional information about the Biomedical Science Program should contact the Chair of the Department of Natural Sciences, Dr. Moses Darpolor, mdarpolor@stillman.edu.

Program: Biology

PRE-MEDICAL PROGRAM (Biology Majors) FRESHMAN YEAR Fall Semester

Item #	Title	Credits
BIO 141 4	General Biology for Majors I	
MAT 132 3	Trigonometry and Analytic Geometry	
ENG 131 3	English Composition I	
REL 131 3	Introduction to the Old Testament	
CHM 141 4	General Chemistry I	
STI 111 1	Orientation	
	Sub-Total Credits	
18		

FRESHMAN YEAR Spring Semester

Item #	Title	Credits
BIO 142 4	General Biology for Majors II	
MAT 145 4	Calculus I	
ENG 132 3	English Composition II	
REL 132 3	Introduction to the New Testament	
CHM 142 4	General Chemistry II	
STI 111 1	Orientation	
	Sub-Total Credits	
19		

SOPHOMORE YEAR Fall Semester

Item #	Title	Credits
BIO 231 3	Zoology	
CSC 121 2	Critical Thinking in Digital Age	
CHM 343 4	Organic Chemistry I	
HIS 131 3	Foundations of World Civilization	
PSY 230 3	Introduction to Psychology	
HPR 121 2	Lifetime Wellness	
	Sub-Total Credits	
17		

SOPHOMORE YEAR Spring Semester

Item #	Title	Credits
BIO 334 3	Principles of Genetics	
SPE 232 3	Public Speaking	
CHM 344 4	Organic Chemistry II	
BUS 210 1	Financial Literacy	
	200-level Religion	3
HUM 130 3	African American Heritage	
	Sub-Total Credits	17

JUNIOR YEAR Fall Semester

Item #	Title	Credits
BIO 343 4	Biochemistry I	
BIO 335 3	Human Anatomy and Physiology I	
PHY 243 4	Physics I	
	300-level Religion	3
	Sub-Total Credits	14

JUNIOR YEAR Spring Semester

Item #	Title	Credits
LOG 330 3	Logic	
BIO 336 3	Human Anatomy and Physiology II	
PHY 244 4	Physics II	
ENG 333 3	Writing Argument	
EDU 310 1	Test Taking Strategies	
	Sub-Total Credits	
14		

SENIOR YEAR Fall Semester

Item #	Title	Credits
BIO 349 4	Microbiology	
BIO 448 4	Cell Physiology	
BMS 235 3	Introduction to Biostatistics	
	General Elective (2 credits)	
2		
	Sub-Total Credits	
13		

SENIOR YEAR Spring Semester

Item #	Title	Credits
3	General Elective (3 credits)	
BIO 420 2	Senior Seminar in Biology	
3	Biology Elective	
3	General Elective (3 credits)	
11	Sub-Total Credits	