

Biomedical Sciences — Pre-Pharmacy (RBMS)

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 Core Fine Arts	3
CHEM 1030 Fundamentals Chemistry I		3 ENGL 1120 English Composition II	3
SCMH 1950 COSAM Major and Career Exploration		1 CHEM 1040 Fundamental Chemistry II	3
CHEM 1031 Fundamental Chemistry I Laboratory		1 CHEM 1041 Fundamental Chemistry II Laboratory	1
Core History I ²		3 BIOL 1020 Principles of Biology	3
Core Social Science		3 BIOL 1021 Principles of Biology Laboratory	1
	14		14

Sophomore

Fall	Hours	Spring	Hours
CHEM 2070 Organic Chemistry I		3 CHEM 2080 Organic Chemistry II	3
CHEM 2071 Organic Chemistry I Laboratory		1 CHEM 2081 Organic Chemistry II Laboratory	1
BIOL 2500 Human Anatomy and Physiology I		3 BIOL 2510 Human Anatomy and Physiology II	3
BIOL 2501 Human Anatomy and Physiology I Laboratory		1 BIOL 2511 Human Anatomy and Physiology II Laboratory	1
Core Literature		3 COMM 1000 Public Speaking ¹	3
MATH 1610 Calculus I		4 Core History or Lit ⁴	3
SCMH 1890 Pre-Health Professions Orientation		1	
	16		14

Junior

Fall	Hours	Spring	Hours
Core Social Science or HUM ⁵		3 STAT 2510 Statistics for Biological and Health Sciences	3
BMSC Elective		9 BMSC Elective	6
BIOL 3200 General Microbiology		3 Core Social Science	3
BIOL 3201 General Microbiology Laboratory		1 BCHE 3200 Principles of Biochemistry	3
	16		15

Senior

Fall	Hours	Spring	Hours
BIOL 1030 Organismal Biology		3 Professional Elective	3
BIOL 1031 Organismal Biology Laboratory		1 BMSC Elective	9
BMSC Elective		8 General Elective	3
General Elective		4	
	16		15

Total Hours: 120

Student should declare a major when they have completed 60 hours.

¹ Students may choose to take BCHE 5180 to complete the Biochemistry requirement for HCOP.

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- ² Students must complete a two-course sequence in either HIST or LIT. For complete HIST and LIT sequence options, see the Bulletin.
- ³ If a LIT sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.