

Undergraduate Sample Program

Year	Fall	Winter	Spring	Summer (Recommended)
1	BIO SCI 93 CHEM 1A WRITING 39B PHRMSCI 1	BIO SCI 94 CHEM 1B WRITING 39C	CHEM 1C/1LC MATH 2A GE	CHEM 1LD
2	BIO SCI 97 CHEM 51A/1LD MATH 2B BIO SCI 194S	BIO SCI 98 CHEM 51B/51LB PHRMSCI 42 GE	BIO SCI 99 CHEM 51C/51LC GE PHRMSCI76	Study Abroad - UCEAP PHRMSCI 120
3	PHRMSCI 120, 120L PHYSICS 3A BIO SCI 100 (P/NP)	PHRMSCI 170A PHSICS 3B/LB STATS 7,8 OR MATH 2D, 3A	PHRMSCI 170B PHYSICS 3C/LC GE	Study Abroad - UCEAP PHRMSCI 174L
4	PHRMSCI 171 PHRMSCI 172 PHRMSCI 174, 174L GE	PHRMSCI 177, 177L PHRMSCI UD Elective GE	PHRMSCI 173 PHRMSCI UD Elective GE	

Upper Division Electives (8 units to graduate)

Biological Sciences

D103 Cellular Biology
D104 Developmental Biology
D111L Developmental and Cell Biology Lab
D126 Systems Biology of Human Disorders
D129 Biotechnology and Plant Breeding
D136 Human Anatomy
D137 Eukaryotic and Human Genetics
D145 Genomics and Proteomics
D148 Development and Disease2
D151 Advanced Cell Biology1
D153 Molecular and Cellular Basics of Disease
D170 Applied Human Anatomy
E136 The Physiology of Human Nutrition

E137 Genetics of Complex Traits
E141 Cell Signaling in Development
E142 Writing/Philosophy of Biology
E189 Environmental Ethics
M114 Advanced Biochemistry
M114L Biochemistry Laboratory
M116L Molecular Biology Laboratory
M118L Experimental Microbiology Laboratory
M120 Signal Transduction in Mammalian Cells
M121 Immunology with Hematology
M122 General Microbiology
M122L General Microbiology Laboratory
M123 Introduction to Computational Biology

M124A Virology
M124B Viral Pathogenesis and Immunity
M124L Virus Engineering Laboratory
M125 Molecular Biology of Cancer
M128 Genetic Engineering
M137 Microbial Genetics
M143 Human Parasitology
M144 Cell Organelles and Membranes
N110 Neurobiology
N113L Neurobiology Laboratory
N153 Neuropharmacology
N154 Molecular Neurobiology
N171 Neurobiology of Transmitter Receptors

Public Health

121 Introduction to Complementary and Alternative Medicine

Physical Sciences

107 Inorganic Chemistry I
107L Inorganic Chemistry Laboratory
125 Advanced Organic Chemistry
128 Introduction to Chemical Biology

128L Introduction to Chemical Biology
Lab Techniques
138 Introduction to Computational
Organic Chemistry

156 Advanced Lab in Chemistry and Synthesis
of Materials
160 Organic Synthesis Laboratory
170 Radioisotope Techniques

4-Year Plan

Year	Fall	Winter	Spring	SSI	SSII
1					
2					
3					
4					

3-Year Plan

Year	Fall	Winter	Spring	SSI	SSII
1					
2					
3					