

Pre Health Roadmap

First Year (Freshman)

Fall Semester

Course	Description	Units
BIOL-1050	General Biology I	4
MATH-1070/72 or 1080*	Algebra or Trigonometry	4
ENGL-1001	First-Year Composition	4
COMM-2000	Public Speaking	3
Total Units		15
Cumulative Total		15

Spring Semester

Course	Description	Units
BIOL-1150**	General Biology II	4
CHEM-1100***	General Chemistry I	5
ENGL-2000	Critical Enquiry	3
PSYC-2010	Introduction to Psychology	3
Total Units		15
Cumulative Total		30

* Math course depends on Math Placement Category or ALEKS score

**BIOL-1150 General Biology II satisfies General Education Area B2 and General Education Lab

***CHEM-1100 General Chemistry I satisfies General Education Area B1

Become involved in activities, organizations, and projects.

Second Year (Sophomore)

Fall Semester

Course	Description	Units
BIOL-3310	Cellular and Molecular Biology	3
CHEM-1110	General Chemistry II	5
MATH-1410*	Calculus	4
HIST-2600	Problems in US History	3
SOCL-1010	Sociology	3
Total Units		18
Cumulative Total		45

Spring Semester

Course	Description	Units
BIOL-3350	Introductory Genetics	3
CHEM-3010	Organic Chemistry I (Lab)	4
PHYS-2100	Basic Physics I	4
XXXX-XXXX	General Education (C1)	3
PSCI-1201	American Government	3
Total Units		17
Cumulative Total		62

*MATH-1410 Calculus with Applications I satisfies General Education Area B3

Explore possible research experience or summer internship programs

Third Year (Junior)

Fall Semester

Course	Description	Units
ZOOL 4280	Physiology of Human Systems	4
CHEM-3020	Organic Chemistry II (Lab)	4
PSYC-2030	Psychology of Adjustment	3
PHYS-2110	Basic Physics II	4
XXXX-XXXX	General Education (C2)	3
Total Units		18
Cumulative Total		77

Spring Semester

Course	Description	Units
MBIO-3010	Bacteriology	3
MBIO-3032	Bacteriology Lab	2
CHEM 4400	Biochemistry I	3
XXXX-XXXX	General Education (C3)	3
ZOO-3130	Embryology (or ZOOL 4151)	4
Total Units		15
Cumulative Total		95

Continued research experience, leadership in activities, organizations and projects.

Begin application process (applications generally open around June 1), take MCAT, DAT, PCAT, VCAT, etc

Fourth Year (Senior)

Fall Semester

Course	Description	Units
ZOOL-4250	Endocrinology (or BIOL 4100)	3
CS 4010	Computing for the Sciences	3
ZOOL-4440	Parasitology	4
PHIL-4430	Bioethics	3
BIOL-4940	Internship	2
Total Units		15
Cumulative Total		110

Spring Semester

Course	Description	Units
MBIO-4300	Medical Microbiology	4
BIOL-3680	Ecology	4
KINS-4330*	Family Health	3
BIOL-4400	Evolution	3
BIOL-4010	Res and Tech Writing Biol (WP)	3
Total Units		17
Cumulative Total		127

For additional dates and details to apply for graduation, visit the Graduation Website.

*Fullfills multicultural requirement

Leadership in activities, organizations, and projects; Continued research experience; Complete application process

