

B.S. in Biochemistry – Pre-Health Science Track
AY 2021-2022

	First Semester		Second Semester	
1st Year	CHEM 1211K (4) MATH 1551 (2) ENGL 1101 (3) GT 1000 (1) BIOS 1107 (3) BIOS 1107L (1) <i>Sub-Total (14)</i>	Chemical Principles I Differential Calculus English Comp. I Freshman Seminar Biological Principles Biological Principles Lab	CHEM 1212K (4) MATH 1552 (4) ENGL 1102 (3) BIOS 1108 (3) BIOS 1108L (1) <i>Sub-Total (15)</i>	Chemical Principles II Integral Calculus English Comp. II Organismal Biology Organismal Biology Lab
2nd Year	CHEM 2214 (4) CHEM 2311 (3) MATH 1553 (2) CS 13XX (3) Free Elective (3) <i>Sub-Total (15)</i>	Quantitative Analysis Organic Chemistry I Intro. Linear Algebra CS Requirement	CHEM 2312 (3) CHEM 2380 (2) CHEM 4511 (3) Core Elective**(3) Core Elective**(3) Free Elective (3) <i>Sub-Total (17)</i>	Organic Chemistry II Synthesis Lab I Biochemistry I
3rd Year	CHEM 4512 (3) CHEM 3371 (2) PHYS 2211 (4) Pre-Health Elective*(3) Core Elective**(3) <i>Sub-Total (15)</i>	Biochemistry II Organic Chemistry Lab Intro. to Physics I	CHEM 3216 (3) CHEM 3216L (2) CHEM 4601 (2) PHYS 2212 (4) APPH 10XX (2) Pre-Health Elective*(3) <i>Sub-Total (16)</i>	Analytical Chemistry Analytical Chemistry Lab Chemistry Seminar Intro. to Physics II Wellness Requirement
4th Year	CHEM 4581 (3) CHEM 3411 (3) Pre-Health Elective* (3) Core Elective**(3) Core Elective**(3) <i>Sub-Total (15)</i>	Biochemistry Lab I Physical Chemistry I	CHEM 4582 (3) Pre-Health Elective* (3) Core Elective**(3) Free Elective (3) Free Elective (3) <i>Sub-total (15)</i>	Biochemistry Lab II

Note: 39 credit hours of 3XXX/4XXX level coursework is required to graduate.

Only Free Electives can be taken as Pass/Fail.

Maximum 6 hours of CHEM 2699 and 12 hours of CHEM 4699.

Last 36 hours must be taken in residence and may not be transferred in.

* Pre-Health Electives:	A minimum of 12 credit hours of Pre-Health electives are required. A list of current Pre-Health electives can be found on the Registrar's website or on the Majors' Canvas Site.
** Core Electives :	APPH 1040 or 1050 or 1060 (2) CS 1301, 1315, or 1371 (3) Humanities electives (6 hours required) Social Sciences electives (9 hours required) History/constitution requirement: HIST 2111 (3), HIST 2112 (3), PUBP 3000 (3), INTA 1200 (3), or POL 1101 (3) (Credit not allowed for both INTA 1200 and POL 1101)