

B. S. Chemistry-Biology

1st Year

_____	CHE 103	General Chemistry I	3	_____	CHE 104	General Chemistry II	3
_____	CRL 103	Exp. Gen. Chem. I	1	_____	CRL 104	Exp. Gen. Chem. II	1
_____	MAT 161	Calculus I	4	_____	BIO 217	General Zoology	3
_____	WRT 120	Effective Writing I	3	_____	WRT XXX	Writing Course ♥	3
_____	BIO 110	General Biology	3	_____	MAT 121	Statistics I	3
			14				13

2nd Year

_____	CHE 231	Organic Chemistry I	4	_____	CHE 232	Organic Chemistry II	3
_____	CRL 231	Exp. Org. Chem. I	2	_____	BIO 230	Genetics	3
_____	BIO 220	Cell Phys	3	_____	GEd XXX	Diverse Communities	3
_____	PHY 130	Physics I ►	4	_____	PHY 140	Physics II ►	4
_____	GEd XXX	Humanities (1)	3	_____	SPK XXX	Communications ♦	3
			16				16

3rd Year

_____	CHE 321	Analytical Chemistry I	3	_____	BIO 468	Comp. Vert. Phys.♣	4
_____	CHE 345	Physical Chemistry I	3	_____	GEd XXX	Arts	3
_____	BIO 357	Comp. Vert. Anat	4	_____	GEd XXX	Student Elective	3
_____	GEd XXX	Student Elective	3	_____	YYY	Bio or Chem Elective ♣§	4
_____	GEd XXX	B/SS (1)	3	_____	CRL 321	Exp Analyt Chem I §	2
_____	CHE 418	Chemical Information §	1				16
			17				

4th Year

_____	CHE 476	Biochemistry I	3	_____	BIO 448	Animal Developmnt	4
_____	CRL 476	Experimental Biochem I	2	_____	CHE YYY	Chemistry Elective ♣§	3
_____	GEd XXX	B/SS (2)	3	_____	CHE YYY	Chemistry Elective ♣§	3
_____	GEd XXX	Humanities (2)	3	_____	GEd XXX	Student Elective	3
_____	PHI 470	Biomedical Ethics ▲	3	_____	CHE 491	Chemistry Seminar	1
			14				14

Total Credits 0

_____ Department Safety Examination

Program Notes:

- ♣ Students may substitute BIO 469 for BIO 468
- ♣ Biology and Chemistry electives must be at the 300 level or above.
One exception is BIO 214, which may be taken in the Spring semester of the Junior year.
This option is only for students wishing to take Immunology or Virology, and must be approved by the student's academic advisor.

Notes on General Education Courses (Ged):

- ♥ Students may take WRT 206, 208, or 220
 - Students may substitute PHY 170 and 180 for PHY 130 and 140
 - ♦ Choose from SPK 208 or 230.
 - ▲ PHI 470 fulfills the Interdisciplinary requirement.
- Students must take three "W" courses; at least 3 credits must be in 300 or 400 level courses

§ Students may, with the permission of their academic advisor and department Chair, substitute an approved internship in the biochemical or biomedical field for certain of the requirements given above (denoted by §). These 12 credit hours are replaced with a 12 credit hour internship.

§ Students must take sufficient elective credits to attain 120 credits.