

B.S. Chemistry-Biology

1st Year

___ CHE 103	General Chemistry I	3	___ CHE 104	General Chemistry II	3
___ CRL 103	Exp. Gen. Chem	1	___ CRL 104	Exp. Gen. Chem. II	1
___ BIO 110	General Biology	3	___ BIO 217	General Zoology	3
___ FYE xxx	First Year Experience	4	___ WRT 120	Effective Writing I	3
___ MAT 161	Calculus I	4	___ MAT 121	Statistics I	3
			___ GEd xxx	B/SS (1)	3
		15			16

2nd Year

___ CHE 231	Organic Chemistry I	4	___ CHE 232	Organic Chemistry II	3
___ CRL 231	Exp. Org. Chem. I	2	___ BIO 220	Cell Physiology	3
___ BIO 230	Genetics	3	___ PHY 140	Physics 140 or PHY 180	4
___ PHY 130	Physics 130 or PHY 170	4	___ XXX xxx	Student Elective	3
___ WRT 2XX	Writing Course	3	___ GEd xxx	B/SS (2)	3
		16			16

___ Department Safety Examination

3rd Year

___ CHE 321	Analytical Chemistry I	3	___ BIO 468	Comp. Vert. Physiology [©]	4
___ CHE 476	Biochemistry I	3	___ YYY	Bio or Chem Elective [♣] ^Δ [§]	4
___ CRL 476	Exp Biochem I	2	___ GEd xxx	Arts	3
___ BIO 357	Comp. Vert. Anatomy	4	___ XXX xxx	Student Elective	3
___ CHE 418	Chemical Information	1			
		13			14

4th Year

___ CHE 345	Physical Chemistry Life Sci or CHE 341	3	___ CHE 491	Chemistry Seminar	1
___ CRL 321	Exp Analytical Chem I [§]	2	___ CHE yyy	Chemistry Elective [♣] [§]	3
___ BIO 448	Animal Development	4	___ CHE yyy	Chemistry Elective [♣] [§]	3
___ PHI 371	Medical Ethics [I]	3	___ XXX xxx	Student Elective	3
___ GEd xxx	Humanities (1)	3	___ GEdxxx	Humanities (2)	3
		15	___ GEd xxx	Student Elective	2
					15

Total Credits 120

___ Writing Emphasis Courses ___ Speaking Emphasis Courses ___ Diverse Communities ___ Ethics

© BIO 469 Human Physiology will also satisfy this requirement; however, be aware that BIO 469 is only offered in the Fall.

♣ Biology and Chemistry electives must be at the 300 level or above.

Δ A 3-credit course would be acceptable here, provided that the student takes enough classes to meet the 120 credit requirement.

§ 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.

The "I" requirement is satisfied by PHI 371.

Students must take 9 credits of "W" (writing emphasis) courses; at least 3 credits must be in 300 or 400 level courses.

Students must take 9 credits of "S" (speaking emphasis) courses.

Students must take 3 credits of "J" (diverse communities) courses.

Students must take 3 credits of "E" (ethics) courses.

Students must take at least 120 credits.