

B. S. Biochemistry (Leads to an ACS Certificate) CURRENT CURRLCULUM

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	_____	MAT 162	Calculus II	4
_____	WRT 120	Effective Writing I	3	_____	WRT XXX	Writing Course ♣	3
_____	BIO 110	General Biology	3	_____	SPK XXX	Communication Studies ♦	3
			14				14

2nd Year

_____	CHE 231	Organic Chemistry I	4	_____	CHE 232	Organic Chemistry II	3
_____	CRL 231	Exp. Org. Chem. I	2	_____	CRL 232	Exp. Org. Chem. II	2
_____	CHE 321	Analytical Chemistry I	3	_____	PHY 180	Physics II	4
_____	CRL 321	Exp. Analyt. Chem I	2	_____	GEEd XXX	General Ed Requirement♦	3
_____	PHY 170	Physics I	4	_____	GEEd XXX	Interdisciplinary	3
			15				15

3rd Year

_____	CHE 341	Physical Chemistry I	4	_____	CHE 342	Physical Chemistry II	3
_____	CRL 341	Exp. Phys. Chem I	2	_____	CRL 342	Exp. Phys. Chem II	2
_____	GEEd XXX	Humanities (2)	3	_____	GEEd XXX	Arts	3
_____	BIO VVV	Biology Elective ♥	3	_____	GEEd XXX	Student Elective	3
_____	CHE 418	Chemical Information	1	_____	CHE 424	Analytical Chemistry II	3
_____	GEEd XXX	Student Elective	3	_____	CRL 424	Exp. Analyt. Chem II	2
			16				16

4th Year

_____	CHE 476	Biochemistry I	3	_____	CHE 477	Biochemistry II	3
_____	CRL 476	Experimental Biochem I	2	_____	CHE YYY	Biochemistry Elective ♣§	4
_____	GEEd XXX	Student Elective	3	_____	CHE 411	Adv. Inorganic Chemistry	3
_____	GEEd XXX	B/SS (1)	3	_____	CRL 411	Inorganic Syntheses	2
_____	GEEd XXX	Diverse Communities	3	_____	GEEd XXX	B/SS (2)	3
_____	CHE 491	Chemistry Seminar	1				15
			15				

Total 0

_____ Department Safety Examination

Program Notes:

- ♥ This course is a biochemistry program elective in the Biology Department.
Each student must complete one elective from the following selected courses:
BIO 214 (General Microbiology), BIO 220 (Cell Physiology), or BIO 230 (Genetics).
- ♣ These courses are biochemistry program electives. Each student must complete an elective from the following selected courses: CHE 381 (Clinical Chemistry), CHE 479 (Chemical Toxicology), CHE 410 (Research in Biochemistry), or CRL 477 (Biochemistry Lab II).

Notes on General Education Courses (Ged):

- ♣ Students may take WRT 121, 206, 208, or 220
 - ♥ or CSC 141; fulfills a General Education Science Elective
 - ♦ Choose from SPK 208 or 230
 - * No interdisciplinary (I) course may be used to fulfill distributive requirements
- Students must take three "W" courses; at least 3 credits must be in 300 or 400 level courses

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