

West Chester University Department of Chemistry
B. S. Chemistry (Leads to an ACS Certificate)
Updated Summer 2018

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	Eff. Writing I	3	_____	WRT	XXX	Writing Course ♣	3
_____	GE	XXX	B/SS (1)	3	_____	SPK	XXX	Communication Studies ♦	3
			semester credits:	14				semester credits:	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	_____	CSC	115	Intro. Comp. Prog. ♥	3
_____	CRL	321	Exp. Analyt. Chem I	2	_____	PHY	180	Physics II	4
_____	PHY	170	Physics I	4	_____	GE	XXX	Diverse Communities	3
			semester credits:	15				semester credits:	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. Chemistry II	2
_____	CHE	409	Descriptive Inorg Chem	3	_____	CHE	YYY	Chemistry Elective (A) ♣	3
_____	GE	XXX	Humanities (1)	3	_____	CHE	424	Analytical Chemistry II	3
_____	CHE	418	Chemical Information	1	_____	CRL	424	Exp. Analyt. Chem II	2
_____	GE	XXX	Arts	3	_____	GE	XXX	Student Elective	3
			semester credits:	16				semester credits:	16

4th Year

_____	CHE	411	Adv. Inorganic Chemistry	3	_____	CHE	YYY	Chemistry Elective (B)§	3
_____	CRL	411	Inorganic Syntheses	2	_____	CHE	YYY	Chemistry Elective (B)§	3
_____	CHE	476	Biochemistry I	3	_____	GE	XXX	Student Elective	3
_____	CHE	491	Chemistry Seminar	1	_____	GE	XXX	Student Elective	3
_____	GE	XXX	Humanities (2)	3	_____	GE	XXX	Interdisciplinary*	3
_____	GE	XXX	B/SS (2)	3					
			total credits:	15				semester credits:	15

Total Credits: 120

_____ Department Safety Examination

_____ writing emphasis courses

Program Notes:

- ♣ Chemistry electives in Group A include: CHE 333 (Organic III), or CHE 477 (Biochemistry II)
This elective can be taken in the 4th year of study rather than the 3rd year of study.
- § Chemistry electives in Group B include any approved 300 or 400 level elective in chemistry.

Notes on General Education Courses (Ged):

- ♣ Students may take WRT 121, 206, 208, or 220
 - ♥ or CSC141 if student desires a Comp. Sci. minor. BIO110 can also substitute if a student desires a BIO minor. CSC115, CSC141, and BIO110 all fulfill 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.