

Recommended Course Sequence For
B.S. in Chemistry with Criminalistics Concentration
Option B

This is designed with traditional students in mind
(15-18 credits/semester, no summer school)

	Fall Semester	Hrs.	Spring Semester	Hrs.
1 st Year	CHE 1800* General Chemistry I	4	CHE 1810 General Chemistry II	4
	CHE 1801* General Chemistry I Lab	1	CHE 1850 General Chemistry II Lab	1
	MTH 1110 College Algebra	4	MTH 1120 Trigonometry	3
	BIO 1080 Gen Intro to Biology	3	ENG 1020 Freshman Comp II	3
	BIO 1090 Gen Intro to Biology Lab	1	CHE 2710 Intro to Criminalistics	3
	ENG 1010 Freshman Comp I	3	CHE 2711 Intro to Criminalistics Lab	1
2 nd Year	CHE 3000 Analytical Chemistry	3	CHE 3110 Organic Chemistry II	3
	CHE 3010 Analytical Chemistry Lab	2	CHE 3130 Organic Chem II Lab	2
	CHE 3100 Organic Chemistry I	4	MTH 2410 Calculus II	4
	CHE 3120 Organic Chem I Lab	1	CJC 1010 Intro to Criminal Justice	3
	MTH 1410 Calculus I	4	BIO 3050 Cell & Molecular	4
	General Studies	3		
3 rd Year	PHY 2311 General Physics I	4	PHY 2331 General Physics II	4
	PHY 2321 Gen. Physics I Lab	1	PHY 2341 Gen. Physics II Lab	1
	CHE 3700 Criminalistics I	4	CHE 3710 Criminalistics II	4
	MTH 2420 Calculus III	4	CHE 4310 Biochemistry	4
	General Studies	3	CHE 4350 Biochemistry Lab	2
			CJC 4650 Ethics for Criminal Justice	3
4 th Year	CHE 3250 Physical Chemistry I	4	CHE 4100 Instrumental Analysis	3
	CHE 3280 Physical Chemistry I Lab	2	CHE 4110 Instrumental Analysis Lab	2
	MTH 3210 Probability and Statistics	4	CHE 4710 Criminalistics Internship II	3
	BIO 3600 or 3610 Genetics	4	CHE 3260 Physical Chemistry II	4
	General Studies	3	CHE 3290 Physical Chem. Lab II	2

***Note: students who score 105 or above on Elementary Algebra (EA) Accuplacer can take MTH 1110 and CHE 1800&1801 concurrently (see Chemistry advisor)**

Advice:

You are strongly advised that taking more than three science and/or math courses (possibly including labs) per semester will create a burdensome schedule/workload. Therefore, students are **strongly encouraged to take courses over the summer** if the course loads suggested above are a struggle. Most courses at the 1000 and 2000 level are offered over the summer. Individual departments can provide you with a list of courses that are offered in summer and can also help you determine if there are courses that are offered only once per year.

Despite what others may say, **NEVER** take a course without the proper prerequisites. There is simply no sense in putting yourself at an academic disadvantage in order to meet some artificial deadline. Remember, individuals evaluating a transcript will not be impressed by mediocre grades just because you managed to pass the course without prerequisites.