

Bachelor of Science
Chemistry major with Criminal Justice Concentration
214C

- I. **Core Curriculum Requirements:** Courses totaling 32 s.h. must be completed in addition to the 12 s.h. of courses required for the major that will also meet core curriculum requirements (CHE 1101, 1110, 1102, 1120 and MAT 1110). Must complete ENG 1000 and 1100, HIS 1101 and 1102, 12 s.h. of humanities (courses must be from three different areas, including one literature course and one fine arts course), 6 s.h. of social science courses selected from two different areas and 2 s.h. of physical activity/wellness courses. 44

Recommended humanities course: P&R 1100, Logic I (3 s.h.)

Recommended social science course: ECO 2030, Principles of Economic Price Theory (3 s.h.)

- II. **Major Requirements** (Criminal Justice Concentration) (31 s.h. of Chemistry)

Note: A 2.0 average must be maintained in the major. (All courses in section II.)

CHE 1101 (ND)	Introductory Chemistry I	_____	[3 s.h.]
CHE 1110	Introductory Chemistry I Lab	_____	[1 s.h.]
CHE 1102 (ND)	Introductory Chemistry II	_____	[3 s.h.]
CHE 1120	Introductory Chemistry II Lab	_____	[1 s.h.]
CHE 2101	Fundamentals of Organic Chemistry	_____	[3 s.h.]
OR			
CHE 2201	Organic Chemistry I	_____	[3 s.h.]
CHE 2203	Organic Chemistry I Lab	_____	[1 s.h.]
CHE 2210 (W)	Quantitative Analysis	_____	[4 s.h.]
CHE 3000 (S)	Introduction to Chemical Research	_____	[1 s.h.]
CHE 3301 (C)	Physical Chemistry I	_____	[3 s.h.]
CHE 3303 (W)	Physical Chemistry I Laboratory	_____	[1 s.h.]
CHE 3404	Inorganic Chemistry	_____	[3 s.h.]
CHE 4560 (W)	Instrumental Methods of Analysis	_____	[4 s.h.]
one additional 3 s.h. chemistry course _____			

Major Designators

2 Writing (W) _____

1 Speaking (S) _____

Communication Proficiency _____

Other Designators

4 Writing (W) _____

(ENG 1000/1100 will count as 2 W)

4 Multi Cultural (MC) _____

(HIS 1101/1102 will count as 2 MC)

1 Cross Disciplinary (CD) _____

2 Numerical Data (ND) _____

2 Computer(C) _____

Physics (10 s.h.)

PHY 1150 (W, ND) Analytical Physics I _____ PHY 1151 (W, ND) Analytical Physics II _____

Mathematics* (8 s.h.)

MAT 1110 (ND) Calculus with Analytic Geometry I _____ MAT 1120 (ND) Calculus with Analytic Geometry II _____

*Students taking a college algebra course before MAT 1110 should enroll in MAT 1025, Algebra and Elementary Functions

Other Science (6-8 s.h.) _____

An additional 6-8 s.h. selected from either astronomy, biology, geology, or physics. (Physics courses at the 1000 level, and PHY 3350, are not accepted).

Criminal Justice (18 s.h.)

C J 1100	Introduction to Criminal Justice	_____	[3 s.h.]
C J 2120	Police Process	_____	[3 s.h.]
C J 3551	Criminal Law	_____	[3 s.h.]
C J 3552	Criminal Procedure	_____	[3 s.h.]

Plus 6 s.h. from the following

C J 2150 (W)	The Judicial Process	_____	[3 s.h.]
C J 3305 (CD)	Forensic Anthropology	_____	[3 s.h.]
C J 4550 (W, S)	Law and Society	_____	[3 s.h.]
C J 4620	Contemporary Police Issues	_____	[3 s.h.]

(Appropriate substitutions will be permitted with departmental approval.)

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- III. **Minor** (optional)

- IV. **Free electives** to total a minimum of 122 s.h.

(2 s.h. of free electives must be outside the major discipline.)