

Undergraduate Degree Checklist

Extended B.S. Chemistry; Pre-forensic/Criminalistic Emphasis

Major Requirements: 78-81 units

Liberal Studies: 35 units

General Electives: 4 -7 units

TOTAL: 120 units

MAJOR REQUIREMENTS

- CHM 151 General Chemistry I: 4 units
- CHM151L General Chemistry I Lab: 1 unit
- CHM 152 General Chemistry II: 3 units
- CHM 152L General Chemistry II Lab: 1 unit

- CHM235 General Organic Chemistry: 4 units
- CHM235L General Organic Chemistry I Lab: 1 unit
- CHM 238 General Organic Chemistry II: 3 units
- CHM 238L General Organic Chemistry II Lab: 2 units

- CHM 320 Analytical Chemistry: 3 units
- CHM 320L Analytical Chemistry Lab: 1 unit
- CHM341 Physical Chemistry I: 3 units

- CHM 408C Fieldwork Experience: 12 units
- CHM 425 Instrumental Analysis: 3 units
- CHM 425L Instrumental Analysis Lab: 1 unit
- CHM 461 Biochemistry I: 3 units

BIOLOGY, MATH & PHYSICS REQUIREMENTS

- MAT 136 Calculus I: 4 units
- MAT 137 Calculus II: 4 units

- PHY 161 University Physics I: 4 units
- PHY161L University Physics Lab: 1 unit
- PHY 262 University Physics II: 3 units

EXTENDED MAJOR REQUIREMENTS

- CJ 101 Introduction to Criminal Justice: 3 units, and ONE (1) of the following tracks.

Track1

- BIO 181 Unity of Life I: 4 units
- BIO 182 Unity of Life II: 4 units
- BIO 350 Molecular Genetics (prerequisite required): 3 units

Track2

- CJ270 Criminal Law: 3 units
- CJ 275 Criminal Procedure and Constitutional Rights: 3 units
- CJ 390 Criminal Investigation: 3 units

Track3

CJ 270 Criminal Law: 3 units

PSY 101 General Psychology: 3 units

PSY432 Psychophysiology of Drugs and Behavior: 3 units

JUNIOR WRITING REQUIREMENTS

One of CHM 300W, ENG 302W or ENG305W: 3hrs

SENIOR CAPSTONE REQUIREMENTS

At least two courses from CHM408C, 485C, 497C, or 498C