

FORENSIC CHEMISTRY

First year

Fall Semester

CHE 140 General Chemistry I (4)
MAT 145 Calculus I (4)
LAN 112 Foreign Language (4)*
ENG 101 or COM 110 (3)

Spring Semester

CHE 141 General Chemistry II (4)
MAT 146 Calculus II (4)
ENG 101 or COM 110 (3)
Gen. Ed. Requirement (3)

Second year

Fall Semester

CHE 230 Organic Chemistry I (3)
CHE 231 Organic Chemistry I Lab (1)
PHY 110 Physics for Science and Engineering (4)[†]
CJS 101 Introduction to Criminal Justice Sciences (3)
Gen. Ed. Requirement (3)

Spring Semester

CHE 232 Organic Chemistry II (3)
CHE 233 Organic Chemistry II Lab (2)
CHE 250 Fundamentals of Inorganic Chemistry (3)
CHE 251 Fundamentals of Inorganic Chemistry Lab (1)
PHY 111 Physics for Science and Engineering II (4)[†]
CJS 102 Individuals, Society, and Justice (3)^{****}

Third year

Fall Semester

CHE 215 Analytical Chemistry (3)
CHE 216 Analytical Chemistry Lab (1)
CHE 360 Physical Chemistry I (3)
CHE 361 Physical Chemistry I Lab (1)
CJS 208 Criminal Law (3)
Gen. Ed. Requirement (3)

Spring Semester

CHE 342 General Biochemistry I (3)^{**}
CHE 362 Physical Chemistry II (3)
CHE 363 Physical Chemistry II Lab (1)
CJS 305 Rules of Evidence for Admin. Justice (3)
Gen. Ed. Requirement (3)
Gen. Ed. Requirement (3)

Fourth year

Fall Semester

CHE 350 Advanced Inorganic Chemistry (3)
CHE 351 Advanced Inorganic Chemistry Lab (1)
Chemistry Electives (3)
CJS Elective (3)^{††}
Elective (3)^{***}
CHE 290 Research (2)[‡]

Spring Semester

CHE 315 Instrumental Analysis (3)
CHE 316 Instrumental Analysis Lab (1)
Chemistry Elective (3)
CJS Elective (3)^{††}
Elective (3)^{***}
Elective (3)^{***}

* College of Arts and Sciences foreign language requirements must be met. See catalog for details.

[†] Physics 108/109 (5 CH each) can be substituted, but PHY 110/111 is strongly preferred.

^{**} BSC 197: Molecular and Cellular Basis of Life and BSC 203: Cell Biology are highly recommended for CHE 342: General Biochemistry I.

^{††} Select two CJS courses from the following: 201, 206, 207.

[‡] May be replaced with CHE 343: Biochemistry Lab or CHE 398: Co-op/Internship

^{***} One elective must meet AMALI requirement. See catalog for details.

^{****} CJS 102 meets ICL requirement

Students may start with MAT 144: Pre-calculus, but this may delay graduation. MAT 147: Calculus III is highly recommended as an elective following MAT 146. A grade of C or better is required in the following courses: CHE 140, CHE 141, CHE 215/216, CHE 230/231, CHE 232/233, CHE 250/251, CHE 342, and CHE 360/361.



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