Department of Chemistry

Chemistry Major:
Traditional Concentration (88-90)

All students completing this degree program will earn a Bachelor of Science (BS) degree in Chemistry. This degree will prepare students for professional work in chemistry or forensic science; graduate work in chemistry, environmental or forensic science; or pre-professional training in the health sciences or secondary education. Students pursuing this degree are required to maintain a C average in their major coursework. Chemistry majors must complete the chemistry core courses and the traditional chemistry concentration :

Chemistry Core Courses (57):

CH 221 General Chemistry Credits: 5
CH 222 General Chemistry Credits: 5
CH 223 General Chemistry Credits: 5
CH 312 Quantitative Analysis Credits: 4
CH 313 Instrumental Analysis Credits: 4
CH 334 Organic Chemistry Credits: 3
CH 335 Organic Chemistry Credits: 3
CH 336 Organic Chemistry Credits: 3
CH 337 Organic Chemistry Lab I Credits: 1
CH 338 Organic Chemistry Lab II Credits: 2
CH 350 Chemical Literature Credits: 1
CH 365 Materials Chemistry: 3
CH 407 Seminar Credits: 1
CH 450 Biochemistry Credits: 3
CH 461 Experimental Chemistry Credits: 3
CH 462 Experimental Chemistry Credits: 3
MTH 251 Calculus I Credits: 4
MTH 252 Calculus II Credits: 4

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Traditional Concentration (31 – 33)

CH 440 Physical Chemistry Credits: 3
CH 441 Physical Chemistry Credits: 3
CH 442 Physical Chemistry Credits: 3
CH 463 Experimental Chemistry Credits: 2
PH 211 General Physics with Calculus Credits: 4
PH 212 General Physics with Calculus Credits: 4
PH 213 General Physics with Calculus Credits: 4
MTH 254 Multivariate Calculus Credits: 4
Upper Division Chemistry, Physics or Math Electives Credits: 4-6

CONTACTS:

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