

Chemistry Electives for BA chemistry majors (7 hours required)

Course	Semester Offered	Prerequisites
Chemistry 310 Instrumental Analysis (3 credits)	SP only	Chem 215, 341
Chemistry 312 Environmental Chemistry (3 credits)	SP only	Chem 215, 234, 341
Chemistry 313 Instrumental Analysis Lab (1 credit)	FL only	Chem 310
Chemistry 335 Methods of Structure Determination (4 credits)	FL only	Chem 234, 236
Chemistry 339 Organic Syntheses (3 credits)	SP only	Chem 234, 236
Ag. Biochemistry 410 Introductory Biochemistry (3 credits)	FL and SP	normally taken after completion of organic chemistry sequence
Chemistry 411 Intermediate Analytical Chemistry (3 credits)	FL only	Chem 215, 341
Chemistry 422 Intermediate Inorganic Chemistry (3 credits)	FL only	Chem 341
Chemistry 423 Inorganic Synthesis Lab (2 credits)	SP only	Chem 422
Chemistry 460 and 463 Forensic Chemistry and Forensic Chemistry Lab (4 credits)	SP only	Chem 215 or faculty consent
Chemistry 462 and 464 Biochemistry 2 and Biochemistry Lab 2 (4 credits)	SP only	AGBI 410 and 412

Chemistry 490 Teaching Practicum (variable credit)		faculty consent
Chemistry 493* Special Topics (variable credit)		faculty consent
Chemistry 496* Senior Thesis (variable credit)		faculty consent
Chemistry 497* Undergraduate Research (variable credit)		faculty consent
Chemistry 514** Mass Spectrometry Principles and Practice (3 credits)	(offered every two years)	faculty consent
Chemistry 521 Organometallic Chemistry (3 credits)	SP only	faculty consent
Chemistry 531** Advanced Organic Chemistry I (3 credits)	FL only	faculty consent
Chemistry 532** Advanced Organic Chemistry I (3 credits)	SP only	faculty consent
Chemistry 547** Chemical Crystallography (3 credits)	FL only (offered every two years)	faculty consent
Chemistry 552 Biochemical Toxicology (3 credit s)	FL only	faculty consent

* A maximum of 3 hours from Chemistry 490, 493, 496, or 497 (separately or combined) can be used to satisfy the chemistry elective requirement for a BA degree in chemistry.

** Graduate level courses