

Business/Law Option and Typical Schedule	
Fall	Spring
FIRST YEAR	
General Chemistry Lecture (4.0 cr) ¹ 01:160:161 OR 01:160:163	General Chemistry Lecture (4.0 cr) 01:160:162 OR 01:160:164
General Chemistry Laboratory (1.0 cr) 01:160:171 Either fall or spring	
Calculus I (4.0 cr) 01:640:151	Calculus II (4.0 cr) 01:640:152
SECOND YEAR	
Organic Chemistry Lecture (4.0 cr) 01:160:307 OR 01:160:315 ² (by invitation)	Organic Chemistry Lecture (4.0 cr) 01:160:308 OR 01:160:316
Analytical Chemistry (3.0 cr) 01:160:251	Organic Chemistry Laboratory ³ (2.5 cr) 01:160:309
General Physics (3.0 cr) 01:750:203	General Physics (3.0 cr) 01:750:204
General Physics Lab (1.0 cr) 01:750:205	General Physics Lab (1.0 cr) 01:750:206
Multivariable Calculus (4.0 cr) 01:640:251	
THIRD YEAR	
Physical Chemistry Lecture (3.0 cr) 01:160:327 ⁴ OR 01:160:341 ⁴	Physical Chemistry Lecture (3.0 cr) 01:160:328 OR 01:160:342
Business/Law Course ⁵	Experimental Physical Chemistry (2.5 cr) 01:160:329
Chemical Bonding (1.5 cr) 01:160:361 ⁶	Inorganic Chemistry (3.0 cr) 01:160:371 ⁶
Instrumental Analysis (3.0 cr) 01:160:348 ⁵	
FOURTH YEAR	
Seminar (1.0 cr) 01:160:491	Seminar (1.0 cr) 01:160:492
Business/Law Elective ⁸	Business/Law Elective ⁸

Business/Law Option: Summary

The Business/Law Option is intended for students who anticipate that a background in chemistry will be useful to them as they pursue non-laboratory employment in industry, government, business, or law. Students who select this option often plan on attending Business or Law school.

The Business/Law Option removes from the core the requirement for a fourth semester of college-level mathematics (01:640:250 or 252) and the second semester of the organic chemistry laboratory for majors, (01:160:31). Instead it substitutes three business/law related courses. One of them must be chosen from the following three courses:

- 33:010:273 Introduction to Financial Accounting (3)
- 01:355:302 Scientific and Technical Writing (3)
- 01:830:373 Organizational and Personnel Psychology (3)

The remaining courses must be chosen in consultation with the Undergraduate Program Director and should be in the areas of accounting, communication, economics, finance, management, or marketing. These courses should be at the 200 level or above.

This option does not lead to certification by ACS.

Business/Law Option: Course and Scheduling Notes

¹ Pre-calculus prerequisite

² Chem 309 is offered in the spring only; Chem 310 is offered only in the *fall* only.

³ By invitation only.

⁴ Chemistry 327 and 341 have Math 251 as a pre-requisite, not as a co-requisite.

Chemistry 327-328 is acceptable for all Chemistry majors and is required for the Chemical Physics Option.

Chemistry 341-342 is recommended for students oriented toward the life sciences, and for students taking the Chemical Biology option.

⁵ To be chosen from among the following three courses:

- 33:010:273 Introduction to Financial Accounting (3)
- 01:355:302 Scientific and Technical Writing (3)
- 01:830:373 Organizational and Personnel Psychology (3)

⁶ Chem 361 and 371 may be deferred for either one or two semesters, if desired. Both 361 and 371 are offered *fall* and *spring*. Chem 371 has Chem 361 and Chem 308 or 316 as pre-requisites.

⁷ Chem 348 has Chem 251 as a pre-requisite and may be deferred to the senior year. Chem 348 is offered in the *fall* only; Chem 251 is offered both *fall* and *spring*.

⁸ To be chosen in consultation with the Undergraduate Program Director and should be in the areas of accounting, communication, economics, finance, management, or marketing.