

CHEMISTRY

This document is a tool approved by the department as a complete and accurate checklist for 2014-15 Catalogue. Students who are meeting requirements with other courses than listed below must ask their advisor to file the waiver/substitution form (<http://www.cornellcollege.edu/registrar/gb-resources-faculty>). Students are expected to complete the major and minor requirements that were in effect at the time of Spring registration for their second year of courses. Transfer students who are admitted with sophomore or higher standing satisfy the requirements in effect when they begin their first course at Cornell. Students who have withdrawn from Cornell and are later readmitted follow the requirements in effect at the time of their readmission. Exceptions may be made by the department concerned in response to the student's petition, provided that such changes are feasible for and agreeable to the department.

Major: A minimum of 10 course credits in Chemistry (nine if CHE 161 is taken):

	Completed	To Be Completed
1-2. CHE 121 and 122 or CHE 161	_____	_____
3. CHE 202	_____	_____
4. CHE 225	_____	_____
5. CHE 323	_____	_____
6. CHE 324	_____	_____
7. CHE 326	_____	_____
8. CHE 327	_____	_____
and two additional courses at the 300 level*		
9. CHE 3__	_____	_____
10. CHE 3__	_____	_____
*Courses above exclude 380		
11. Mathematics through MAT 122	_____	_____
12. PHY 161 (or PHY 141 with dept. permission)	_____	_____
13. PHY 162 (or PHY 142 with dept. permission)	_____	_____
14. PHY 263	_____	_____
Capstone	_____	_____

*To fulfill the capstone requirement, each student must submit a portfolio of work and have it approved by the department, as described on the department website.

ACS Certification: A minimum of 12 course credits in Chemistry (11 if CHE 161 taken), which must include:

	Completed	To Be Completed
1-2. CHE 121 and 122 or CHE 161	_____	_____
3. CHE 202	_____	_____
4. CHE 225	_____	_____
5. CHE 323	_____	_____
6. CHE 324	_____	_____
7. CHE 326	_____	_____
8. CHE 327	_____	_____
9. CHE 333	_____	_____
10. CHE 334	_____	_____
11. CHE 335	_____	_____
one additional course at the 300 level, excluding 380		
12. CHE 3____	_____	_____
13. a major research experience	_____	_____
14. PHY 161	_____	_____
15. PHY 162	_____	_____
16. PHY 263	_____	_____
17. mathematics through MAT 221	_____	_____

Chemistry Teaching Major: In addition to the foregoing requirements for the subject major, prospective teachers must also apply for admission to the Teacher Education Program and complete a second major in Secondary Education described under *Education*. Prospective teachers should request a current list of the specific teaching major course requirements from the Education office.

Major: A minimum of 8 course credits in Chemistry (7 if CHE 161 is taken):

	Completed	To Be Completed
1-2. CHE 121 and 122 or CHE 161	_____	_____
3. CHE 202	_____	_____
4. CHE 225	_____	_____
5. CHE 323	_____	_____
6. CHE 326	_____	_____
7. CHE 327	_____	_____
8. One of the following: CHE 324, 328, 333, 334, or 335	_____	_____
9. Either ENV 202 or PHY 263	_____	_____
10. Mathematics through MAT 122	_____	_____
12. PHY 161 or PHY 141	_____	_____
13. PHY 162 or PHY 142	_____	_____

Chemistry Minor: A minimum of five course credits in Chemistry, excluding 280 and 380, which include:

	Completed	To Be Completed
1. CHE 202	_____	_____
and at least three additional courses numbered 200 or higher:		
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____