

Chemistry Major Requirements Worksheet

Student Name:	ID#:
Majors/Minors:	Study Abroad Plans (Tentative):
<p>Chemistry</p> <p>MATH 0121, 0122 PHYS 0109, 0110 CHEM 0103, 0104 (or 0107) CHEM 0203, 0204 CHEM 0311 CHEM 0351 or 0355 2 CHEM electives approved by advisor</p> <p><u>Total</u> 2 Math 2 Physics 8 Chemistry</p>	<p>Chemistry with Honors</p> <p>MATH 0121, 0122 PHYS 0109, 0110 CHEM 0103, 0104 (or 0107) CHEM 0203, 0204 CHEM 0311, <u>0312</u> CHEM 0351, <u>0355</u> CHEM <u>0400</u> CHEM <u>0431</u> CHEM <u>0700</u>, <u>0701</u> (honors thesis)</p> <p><u>Total</u> 2 Math, 2 Physics, 11 Chemistry</p>

Chemistry Major: (Non-Honors)

Course	Semester of Completion
MATH 0121: Calculus I	
MATH 0122: Calculus II	
PHYS 0109: Newtonian Physics	
PHYS 0110: Electricity & Magnetism	
CHEM 0103: General Chemistry I	
CHEM 0104 or 0107: General Chemistry II or Adv. General Chemistry	
CHEM 0203: Organic I: Structure & Reactivity	
CHEM 0204: Organic II: Synthesis & Spectroscopy	
CHEM 0311: Instrumental Analysis	
Either CHEM 0351 or CHEM 0355: Quantum or Thermodynamics	
Elective: with an advisor's approval, from 0200-, 0300- or 0400- courses the Chemistry and Biochemistry Department or GEOL 0323.	
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Chemistry with Honors – Add the following courses:

Course	Semester of Completion
CHEM 0312: Inorganic & Physical Chemistry	
Both CHEM 0351: Quantum Chemistry/Spectroscopy	
And CHEM 0355: Thermodynamics and Kinetics	
CHEM 0400: Seminar in Chemical Research	
CHEM 0431: Advanced Inorganic Chemistry	
CHEM 0700: Senior Research	
CHEM 0701: Senior Thesis	