

Chemistry Honours Program

First Year

Course	Short Title	Semester	Units	Pre Reqs
Chem 101	Fund. Chemistry from Atoms to Molecules		1.5	Chem 11 + Pre calculus 12
Chem 102	Fund. Of Chemical Reactivity with Environmental Applications		1.5	Chem 12 (or Chem 091) + 101 or 150
Math 100 (or 109)	Calculus I		1.5	Pre calculus 12
Math 101	Calculus II		1.5	Math 100 or 109
Phys 110 (or 120)	Intro Physics I		1.5	Co or prerequisite: Math 100 or 102 or 109
Phys 111 (or 130)	Intro Physics II		1.5	Phys 110 (or 120)
Biol 186	Physiology and Cell Biology		1.5	Biol 11 or 12
Engl 135, 146 or 147	Academic Writing Requirement (or elective)		1.5	
Electives			3.0	

Second Year

Course	Short Title	Semester	Units	Pre Reqs
Chem 212	Intro to Quantitative Analysis		1.5	Chem 102
Chem 231	Intro to Organic Chemistry		1.5	Chem 101 or 150
Chem 245	Intro to Thermodynamics		1.5	Chem 102 and Math 100 or 102 or 109
Chem 225	Intro to Inorganic Chemistry		1.5	Chem 102
Chem 234	Organic Chemistry with Biological Applications		1.5	Chem 102 and 231
Chem 260	Synthetic Chemistry Laboratory		1.5	Chem 102 and 231
Math 200 or 202	Calculus III		1.5	Math 101
Stat 260 or 255	Intro to Probability and Statistics I or Statistics for Life		1.5	101

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