

Name _____

Chemistry Degree Requirements

Checklist

Entered Program _____

6/30/2011

Course No.	Course Name	Credits	* B.S. Certified	B.S. Non-Certified	* B.A.	Semester Completed	Grade
CHY 105	Majoring in Chemistry	1	Yes	Yes	Yes		
CHY 121	Introduction to Chemistry	3	Yes	Yes	Yes		
CHY 123	Introduction to Chemistry/Lab	1	Yes	Yes	Yes		
CHY 122	Molec. Basis Chem. Change	3	Yes	Yes	Yes		
CHY 124	Molec. Basis Chem. Change/Lab	1	Yes	Yes	Yes		
CHY 242	Principles of Quantitative Analysis	5	Yes	Yes	Yes		
CHY 251	Organic Chemistry I	3	Yes	Yes	Yes		
CHY 253	Organic Chemistry I/Lab	2	Yes	Yes	Yes		
CHY 252	Organic Chemistry II	3	Yes	Yes	Elective		
CHY 254	Organic Chemistry II/Lab	2	Yes	Yes	Elective		
CHY 298	Introduction to Research	1	Yes	Yes	Yes		
CHY 393	Undergraduate Seminar	3	Yes	Yes	Yes		
CHY 431	Structure/Mech in Biological Chem	3	Yes	Yes	Elective		
CHY 443	Instrumental Analysis	3	Elective	Elective	Elective		
CHY 450	Intro. to Molecular Modeling	3	Elective	Elective	Elective		
CHY 453	Intermed. Organic Chem with Lab	4	Elective	Elective	Elective		
CHY 461	Advanced Inorganic Chem.	3	Yes	Yes	Yes		
CHY 462	Organometallic Chemistry	3	Elective	Elective	Elective		
CHY 471	Physical Chemistry I	3	Yes	Yes	Yes		
CHY 472	Physical Chemistry II	3	Elective	Elective	Elective		
CHY 475	Physical Chemistry III	3	Yes	Elective	Elective		
CHY 483	Introductory Wood Chemistry	3	Elective	Elective	Elective		
CHY 491	Adv. Integrated Lab I	3	Yes	Yes	Elective		
CHY 492	Adv. Integrated Lab II	3	Elective	Elective	Elective		
CHY 498	Undergraduate Research	(3 cr req.)	Yes	Yes	Yes		
CHY 499	Undergraduate Thesis	3	Yes	Yes	Yes		
PHY 111 or 121	Physics I	4	Yes	Yes	Yes		
PHY 112 or 122	Physics II	4	Yes	Yes	Yes		
MAT 126	Calculus I	4	Yes	Yes	Yes		
MAT 127	Calculus II	4	Yes	Yes	Yes		
MAT 228	Calculus III	4	Yes	Yes	Yes		
MAT 258**	Differential Equations	4	Yes	Elective	Elective		
COS (choose 1: 125, 211, 215, or 220)	Computer Programming	3	Yes	Yes	Yes		
CMJ (choose 1: 102, 103, or 106)	Speech Communication	3	Yes	Yes	Yes		

* must take two CHY electives

** for a math minor, take MAT 259 and MAT 262 in lieu of MAT 258