



University at Buffalo

Professional Science Management

College of Arts and Sciences

Chemistry

Subject Code & Number:	Course Title:	Credit Range:
Required Courses:		9
Ethics Course:		3
SSC 640	Graduate Research Ethics	
Math and Computing Course (choose one):		3
CSE 503	Computer Science for Non-Majors I	
MTH 537	Introduction to Numerical Analysis I	
PHY 505	Computational Physics I	
GEO 575	Landscape Modeling W. GIS	
GLY 529	Analysis of Geological Data	
MGS 607	Technology and Innovation Management	
GLY 530	Groundwater Flow Modeling	
Business Course:		3
MGG 503	Intro to Business 1	
Home Department Program Course (choose one):		3
Computational Chemistry:		
MCH 501	Drug Discovery Principles	
CHE 505	Physical Chemistry	
CHE 507	Analytical Chemistry	
Bio-analytic Chemistry:		
CHE 507	Analytical Chemistry	
CHE 508	Statistics and Instrumentation	
CHE 516	Advanced Analytical Chem Topic	
Molecular Chemical Biology:		
MCH 525	Molecular Modeling	3
Culminating Experience (e.g. Thesis, Project, Research):		3
CHE 571	Advanced Laboratory Techniques	
CHE 720	Graduate Research	
Total Credit Hours:		15