

CHEMISTRY | MASTER OF PROFESSIONAL STUDIES (CHEMISTRY)

Curriculum

Code	Title	Hours
Core Courses		
CHEM 801	Intro. to Graduate Studies in Chemistry & Chem. Educ.	2
CHEM 815	Research Methods in Chemistry	4
PHYS 620	Mathematics for the Physical Sciences	3
Concentration Core		
Select 12 credits of the following:		12
CHEM 624	Advanced Laboratory Techniques	
CHEM 632 & 632L	Physical Chemistry: Chemical Thermodynamics and Physical Chemistry Laboratory I	
CHEM 634	Physical Chem: Quantum Mechanics & Chem Kinetics	
CHEM 634L	Advanced Physical and Inorganic Laboratory	
CHEM 636	Advanced Chemical Thermodynamics	
CHEM 644 & 644L	Organic Spectroscopic Analysis and Organic Spectroscopic Analysis Laboratory	
CHEM 646	Theories of Organic Chemistry	
CHEM 656	Instrumental Analysis	
CHEM 656L	Advanced Instrumental and Physical Laboratory	
CHEM 662 & 662L	Biochemistry I and Biochemistry Laboratory I	
CHEM 664 & 664L	Biochemistry II and Biochemistry Laboratory II	
CHEM 666	Inorganic Chemistry	
CHEM 670	Workshop in Chemistry	
CHEM 672	Readings in Chemistry	
CHEM 673	Problems in Chemistry	
CHEM 675	Seminar in Chemistry	
CHEM 682	Special Topics in Chemistry	
CHEM 888	Advanced Topics of Chemistry	
Open Electives		
Select 6 credits of graduate level elective courses ¹		6
Project		
CHEM 890	Research Projects	3
Total Hours		30

Graduate School Graduation Requirements

All Graduate degrees ¹ require:

- Maintain a C or higher in all coursework.
- Maintain a cumulative GPA of 3.0 or higher. (Refer to program)
- A minimum of 30-75 hours of Graduate course work. (Refer to program)
- Comprehensive Examination or equivalent assessment is required. (Master of Liberal Studies requires a Comprehensive Examination **and** Concentration Exam)
- Degree completion within 8 years.

¹ Refer to degree program for any additional requirements.

¹ All courses must be approved by the student's advisor.