

MS programs

SLO1m: Demonstrate basic knowledge in the following areas of chemistry: analytical, biochemistry inorganic, organic and physical.

SLO2m: Organize and communicate scientific information clearly and concisely, both verbally and in writing.

SLO3m: Effectively utilize the scientific literature to research a chemistry topic or to conduct chemical research.

SLO4m: Work effectively and safely in a laboratory environment, including the ability to maintain a proper laboratory notebook and use advanced chemical instrumentation.

SLO5m: Use computer technology for advanced chemical applications.

SLO6m: Demonstrate the ability to work independently in the lab by designing solutions to problems or devising experiments to test hypotheses.

Course Alignment Matrix

	SLO1m	SLO2m	SLO3m	SLO4m	SLO5m	SLO6m
CHEM 691	M	M	M			
CHEM 692	M	M	M	M	M	M
CHEM 696	M	M	M	M	M	M
CHEM 698	M	M	M	M	M	M

I=Introduced; D= Developed and Practiced with Feedback; M=Demonstrated at the Mastery Level
Appropriate for Graduation