

Chemistry (MS)

Degree Requirements

Code	Title	Hours	Counts towards
Required Courses			15
CH 610	Special Topics In Chemistry (Introduction to Graduate Studies)		
CH 601	Seminar (two semesters)		
CH 695	Master's Thesis Research		
CH 699	Master's Thesis Preparation		
Additional Courses			18
See "Additional Courses" listed below			
Total Hours			33

Additional Courses

Code	Title	Hours	Counts towards
Select a minimum of six recommended courses below: *			18
Courses Analytical Division			
CH 727	Biological Mass Spectrometry	3	
CH 749	Analytical Spectroscopy	3	
Biorganic & Organic Division			
CH 721	Advanced Organic Chemistry I	3	
CH 725	Physical Methods in Organic Chemistry	3	
CH 755	Organic Reaction Mechanisms	3	
Inorganic Division			
CH 701	Advanced Inorganic Chemistry I: Structure and Bonding	3	
CH 795	Special Topics in Chemistry	1-6	
CH 721	Advanced Organic Chemistry I	3	
or CH 725	Physical Methods in Organic Chemistry		
or CH 737	Quantum Chemistry		
or CH 795	Special Topics in Chemistry		

Physical Division

CH 737	Quantum Chemistry	3
CH 730	Advanced Physical Chemistry	3

* Additional courses will be approved in conjunction with the academic committee.

Faculty

Full Professors

Dimitris S. Argyropoulos

Edmond F. Bowden

Felix Nicholas Castellano

Stefan Franzen

Christopher B. Gorman

Jonathan S. Lindsey

James D. Martin

David C. Muddiman

Alexander A. Nevzorov

Maria T. Oliver-Hoyo

David A. Shultz

Alexej I. Smirnov

Leslie A. Sombers

Brian Space

Gavin John Williams

Associate Professors

Nelson Rodrigo Vinueza Benitez

Erin Marie Baker

Nelson R. Vinueza Benitez

Michael S. Bereman

Ryan Chiechi

Reza A. Ghiladi

Elon A. Ison

Elena Jakubikova

Lucian A. Lucia

Paul A. Maggard

Joshua Glenn Pierce

Tatyana I. Smirnova

Yi Xiao

Assistant Professors

Oliver Baars

Yevgeny Brudno

Wei-Chen Chang

Denis Fourches

Vincent Lindsay

Jun Ohata

Caroline Proulx

Thomas Theis

Practice/Research/Teaching Professors

P. Brown

J. Feducia

M. Gallardo-Williams

A. Ison

M. Martin

G. S. McCarty

L. Del Negro

L. Petrovich

G. Rabah

K. Sandberg

L. Sremaniak

M. Voynov

R. Warren

Emeritus Faculty

Alton J. Banks

Robert D. Bereman

Charles Boss

Carl L. Bumgardner

Halbert H. Carmichael

Daniel L. Comins

Forrest W. Getzen

Forrest C. Hentz

Morteza Khaledi

S. Levine

Charles Moreland

Suzanne T. Purrington

William L. Switzer

William P. Tucker

Dennis W. Wertz

Myung H. Whangbo

Jerry L. Whitten

Adjunct Faculty

V. Bornemann