

# Chemistry (MS)

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>		<b>15</b>	
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		
<b>Additional Courses</b>		<b>18</b>	
See "Additional Courses" listed below			
<b>Total Hours</b>		<b>33</b>	

## Additional Courses

Code	Title	Hours	Counts towards
<b>Select a minimum of six recommended courses below: *</b>		<b>18</b>	
<b>Courses Analytical Division</b>			
CH 727	Biological Mass Spectrometry	3	
CH 749		3	
<b>Biorganic &amp; Organic Division</b>			
CH 721	Advanced Organic Chemistry I	3	
CH 725	Physical Methods in Organic Chemistry	3	
CH 755	Organic Reaction Mechanisms	3	
<b>Inorganic Division</b>			
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		
<b>Physical Division</b>			

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

Felix Nicholas Castellano

Stefan Franzen

Reza Ghiladi

Edith Glazer

Christopher B. Gorman

Elon Ison

Elena Jakubikova

Jonathan S. Lindsey

Lucian Lucia

Paul Maggard

James D. Martin

David C. Muddiman

Alexander A. Nevzorov

Maria T. Oliver-Hoyo

Joshua Pierce

David A. Shultz

Alexej I. Smirnov

Leslie A. Sombers

Brian Space

Gavin John Williams

### Associate Professors

Nelson R. Vinueza Benitez

Wei-Chen Chang

Ryan Chiechi

Vincent Lindsay

Thomas Makris

Caroline Proulx

Tatyana I. Smirnova

Thomas Theis

Yi Xiao

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## Assistant Professors

Oliver Baars

Yevgeny Brudno

Raja Ghosh

Milena Jovanovic

Xiaotong Li

Jun Ohata

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## Practice/Research/Teaching Professors

Jeremiah Feducia

Audrey Fikes

Daniel Fowler

David Heidary

Ana Ison

Kirsten Kramer

Naish Laloo

Cassie Lilly

Marion Martin

Gregory S. McCarty

Lori Petrovich

Ghada Rabah

Kay Sandberg

Laura Sremaniak

Masahiko Taniguchi

Travis Varner

Maxim Voynov

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## 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

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## Adjunct Faculty

V. Bornemann