

# Biomathematics (MR)

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## Degree Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>		<b>12</b>	
BMA 567	Modeling of Biological Systems		
	or BMA 773 Stochastic Modeling		
	or BMA 774 Partial Differential Equation Modeling in Biology		
BMA 771	Biomathematics I		
BMA 772	Biomathematics II		
BMA 801	Seminar <sup>1</sup>		
<b>Biological Science Courses</b>		<b>6</b>	
"Biological Science Courses" will be approved in conjunction with the academic committee			
<b>Statistics Courses</b>		<b>3-6</b>	
Required "Statistics Courses" will be approved in conjunction with the academic committee – see "Statistics Course Options" listed below			
<b>Mathematical Science Courses</b>		<b>6</b>	
"Mathematical Science Courses" will be approved in conjunction with the academic committee			
<b>Elective Courses</b>		<b>6</b>	
"Elective Courses" are approved in conjunction with the academic committee to meet 36 total hours			
<b>Total Hours</b>		<b>36</b>	

<sup>1</sup> BMA 801 Seminar must be repeated to meet the two credit hour requirement.

## Statistics Course Options

### Option 1

Code	Title	Hours	Counts towards
ST 511	Statistical Methods For Researchers I	3	
ST 512	Statistical Methods For Researchers II	3	
<b>Total Hours</b>		<b>6</b>	

### Option 2

Code	Title	Hours	Counts towards
ST 512	Statistical Methods For Researchers II (R)	3	
<b>Total Hours</b>		<b>3</b>	

## Faculty

### Full Professors

Kevin Gross  
 Mansoor Abbas Haider  
 Carol K. Hall  
 Jason M. Haugh  
 George R. Hess  
 Alun L. Lloyd  
 Sharon R. Lubkin  
 Spencer V. Muse  
 Mette Olufsen  
 Brian J. Reich  
 Seth M. Sullivant  
 Jeffrey L. Thorne  
 Hien Trong Tran  
 Zhaobang Zeng

### Associate Professors

Randall Brian Langerhans  
 Cristina Lanzas  
 Charles Eugene Smith  
 Rosangela Sozzani

### Assistant Professors

Belinda Sena Akpa  
 Kevin Bryant Flores  
 David Alan Rasmussen

### Emeritus Faculty

William Reid Atchley

John William Bishir

Marlene L. Hauck

Gail G. McRae

Kenneth Hugh Pollock

Jim E. Riviere

Henry E. Schaffer

James Francis Selgrade

Ronald Edwin Stinner

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## **Adjunct Faculty**

John Edward Banks

Georgiy Bobashev

Brian Ernest Carlson

James W. Gilliam

Nicholas M. Haddad

Thomas D. Husmeier

Julia S. Kimbell

W. Owen McMillan III

Suzanne Marie Lenhart

Johnny T. Ottesen

Eric A. Stone