

Biomathematics (MS)

Degree Requirements

| Code | Title | Hours | Counts towards |
|---|--|------------|----------------|
| Required Courses | | 12 | |
| 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 ¹ | | |
| Biological Science Courses | | 6 | |
| "Biological Science Courses" will be approved in conjunction with the academic committee | | | |
| Statistics Courses | | 3-6 | |
| Required "Statistics Courses" will be approved in conjunction with the academic committee – see "Statistic Course Options" listed below | | | |
| Mathematical Science Courses | | 6 | |
| "Mathematical Science Courses" will be approved in conjunction with the academic committee | | | |
| Written Thesis | | | |
| Students must complete a written thesis to receive a Master of Science Degree | | | |
| Total Hours | | 30 | |

¹ BMA 801 Seminar must be repeated to meet the two credit hour requirements.

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 | |
| Total Hours | | 6 | |

Option 2

| Code | Title | Hours | Counts towards |
|--------------------|--|----------|----------------|
| ST 512 | Statistical Methods For Researchers II (R) | 3 | |
| Total Hours | | 3 | |

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

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