Bienoathematics (MR)

**Degree Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMA 567</td>
<td>Modeling of Biological Systems or BMA 773</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stochastic Modeling or BMA 774 Partial Differential Equation Modeling in Biology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMA 771</td>
<td>Biomathematics I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMA 772</td>
<td>Biomathematics II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMA 801</td>
<td>Seminar ¹</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Biology 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 "Statistics Course Options" listed below

**Mathematical Science Courses**

6

"Mathematical Science Courses" will be approved in conjunction with the academic committee

**Elective Courses**

6

"Elective Courses" are approved in conjunction with the academic committee to meet 36 total hours

**Total Hours**

36

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

**Statistics Course Options**

**Option 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Option 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II (R)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

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
James W. Gilliam
Nicholas M. Haddad
Thomas D. Husmeier
Julia S. Kimbell
W. Owen McMillan III
Johnny T. Ottesen
Eric A. Stone