# Biomathematics (Minor)

## Plan Requirements

### MS Student Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select two of the following:</td>
<td>6</td>
<td></td>
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<tr>
<td>BMA 567</td>
<td>Modeling of Biological Systems</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></td>
<td><strong>Supporting Courses</strong></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II</td>
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</table>

**Total Hours**: 12

1 In lieu of these two courses, the single course ST 512 Statistical Methods For Researchers II R may be taken.

### PhD Student Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>BMA 567</td>
<td>Modeling of Biological Systems</td>
<td></td>
<td></td>
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<tr>
<td>BMA 771</td>
<td>Biomathematics I</td>
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<tr>
<td>BMA 772</td>
<td>Biomathematics II</td>
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<tr>
<td>BMA 801</td>
<td>Seminar</td>
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</tbody>
</table>

**Supporting Courses**

- Select one quantitative biology course (500+ level)
- Select two courses in biology, statistics, mathematics, or biomath

**Total Hours**: 20

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### 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
- Gavin Clay Conant
- Randall Brian Langerhans
- Cristina Lanzas
- Gustavo Machado
- Charles Eugene Smith
- Rosangela Sozzani

#### Assistant Professors
- Belinda Sena Akpa
- Zixuan Cang
- Jie Cao
- 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
Dustin Kapraun
Julia S. Kimbell
W. Owen McMillan III
Suzanne Marie Lenhart
Johnny T. Ottesen
Charles Puelz
Eric A. Stone