Biomathematics (MR)

Degree 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>
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</tr>
<tr>
<td>BMA 567</td>
<td>Modeling of Biological Systems or BMA 773</td>
<td>12</td>
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<tr>
<td>or BMA 773</td>
<td>Stochastic Modeling or BMA 774</td>
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<tr>
<td>or BMA 774</td>
<td>Partial Differential Equation Modeling in Biology</td>
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<tr>
<td>BMA 771</td>
<td>Biomathematics I</td>
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<td>BMA 772</td>
<td>Biomathematics II</td>
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<tr>
<td>BMA 801</td>
<td>Seminar</td>
<td>1</td>
<td></td>
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<td></td>
<td><strong>Biological Science Courses</strong></td>
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<td>&quot;Biological Science Courses&quot; will be approved in conjunction with the academic committee</td>
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<tr>
<td></td>
<td><strong>Statistics Courses</strong></td>
<td>3-6</td>
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<td>Required &quot;Statistics Courses&quot; will be approved in conjunction with the academic committee – see &quot;Statistics Course Options&quot; listed below</td>
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<td><strong>Mathematical Science Courses</strong></td>
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<td>&quot;Mathematical Science Courses&quot; will be approved in conjunction with the academic committee</td>
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<tr>
<td></td>
<td><strong>Elective Courses</strong></td>
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<td><strong>Total Hours</strong></td>
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1 BMA 801 Seminar must be repeated to meet the two credit hour requirement.

Statistics Course Options

**Option 1**

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<th>Code</th>
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<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
<td>3</td>
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<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II</td>
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Total Hours 6

**Option 2**

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<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II (R)</td>
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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**

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
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