Biochemistry (MR)

Master's Degree Requirements

Degrees earned will be distributed as: "Master of Biochemistry" without focus area specifications.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 701</td>
<td>Macromolecular Structure</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BCH 703</td>
<td>Macromolecular Synthesis and Regulation</td>
<td>3</td>
<td></td>
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<tr>
<td>BCH 705</td>
<td>Molecular Biology Of the Cell</td>
<td>3</td>
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<tr>
<td>BCH 801</td>
<td>Seminar In Biochemistry</td>
<td>1</td>
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</tbody>
</table>

Elective Courses

Total Hours: 30

1. Every semester for 2 years, 4 credit hours total; 1/semester
2. Students may choose other courses approved in conjunction with the academic committee

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 555</td>
<td>Proteins and Molecular Mechanisms</td>
<td>3</td>
<td></td>
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<tr>
<td>BCH 590</td>
<td>Special Topics in Biochemistry</td>
<td>1-6</td>
<td></td>
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<tr>
<td>BCH 770</td>
<td>Enzyme Kinetics and Mechanisms</td>
<td>3</td>
<td></td>
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<tr>
<td>BCH 760</td>
<td>Protein Crystallography and Macromolecular Modeling</td>
<td>3</td>
<td></td>
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</table>

Additional Requirements

- Successful completion of the Master's degree requires a minimum of 30 credit hours.
- At least 24 credit hours of letter-graded courses ("A," “B,” “C,” etc.) must be included in the program.

Faculty

Full Professors

Joe Barycki
Dennis Brown
Linda Kay Hanley-Bowdoin
Associate Professors
Colleen Jennifer Doherty
Michael B. Goshe
Charles C. Hardin
Thomas Makris
Flora Meilleur
Robert B. Rose
Joshua J. Strable
Guozhou Xu

Assistant Professors
Abdulkerim Eroglu
Arion Kennedy
Xiaojing Liu
Ryan Charles Sartor
Joshua Strable
Rubén Rellán Álvarez

Practice/Research/Teaching Professors
Jose Trinidad Ascencio-Ibanez
Raquel Hernandez
David G. Presutti
Paul Douglas Swartz

Emeritus Faculty
Cynthia L. Hemenway
Horace R. Horton
Joseph Stephan Kahn
James Arthur Knopp
Earl S. Maxwell
William Laubach Miller
James W. Moyer
Ron Ross Sederoff
Harold E. Swaisgood

Adjunct Faculty
Jason Locasale
Michael Milburn
Whitney Stutts
Peter Thompson