## Biochemistry (PhD)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards Core Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 701</td>
<td>Macromolecular Structure (First semester - Fall)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BCH 703</td>
<td>Macromolecular Synthesis and Regulation (Second Semester - Spring)</td>
<td>3</td>
<td></td>
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<tr>
<td>BCH 705</td>
<td>Molecular Biology Of the Cell (Third Semester - Fall)</td>
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<tr>
<td>BCH 801</td>
<td>Seminar In Biochemistry</td>
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<tr>
<td>BCH 810</td>
<td>Special Topics (First semester - Fall)</td>
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<tr>
<td>BCH 815</td>
<td>Advanced Special Topics (Second Semester - Spring)</td>
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<tr>
<td>BCH 870</td>
<td>Laboratory Rotations (First semester - Fall)</td>
<td>2</td>
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<tr>
<td>BCH 895</td>
<td>Doctoral Dissertation Research</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Biochemistry / Related Course</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 1 advanced course in biochemistry or related approved in conjunction with the academic committee</td>
<td></td>
</tr>
</tbody>
</table>

### Additional Courses

<table>
<thead>
<tr>
<th>Additional Courses</th>
<th>39</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Additional Courses&quot; are approved in conjunction with the academic committee to meet 72 total hours</td>
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</tr>
</tbody>
</table>

### Total Hours

72

1. Every semester for 4 years, 8 credit hours total; 1/semester
2. First semester in program - except for targeted students
3. Add to reach 72 credit hours

### Additional Requirements

- Successful completion of the Ph.D. degree requires a minimum of 72 credit hours.
- At least 18 credit hours of formal coursework must be included in the program.

### Faculty

#### Full Professors

Joe Barycki
Dennis Brown
Linda Kay Hanley-Bowdoin
Eric S. Miller
Melanie Simpson

#### 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
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
Elizabeth C. Theil
Paul L. Wollenzien

Adjunct Faculty
Jason Locasale
Michael Milburn
Whitney Stutts
Peter Thompson