## Biochemistry (PhD)

### Degree Requirements

<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 (First semester - Fall)</td>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td>BCH 703</td>
<td>Macromolecular Synthesis and Regulation (Second Semester - Spring)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCH 705</td>
<td>Molecular Biology Of the Cell (Third Semester - Fall)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCH 801</td>
<td>Seminar In Biochemistry</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>BCH 870</td>
<td>Laboratory Rotations (First semester - Fall)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>BCH 810</td>
<td>Special Topics (First semester - Fall)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCH 815</td>
<td>Advanced Special Topics (Second Semester - Spring)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCH 895</td>
<td>Doctoral Dissertation Research</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Biochemistry / Related Course**: 
Select 1 advanced course in biochemistry or related approved in conjunction with the academic committee

**Additional Courses**: 
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours

**Total Hours**: 72

---

### 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

Joe Barycki  
Dennis Brown  
Linda Kay Hanley-Bowdoin  
Eric S. Miller  
Melanie Simpson  
Colleen Jennifer Doherty  
Michael B. Goshe  
Charles C. Hardin  
Thomas Makris  
Flora Meilleur  
Robert B. Rose  
Joshua J. Strable  
Guozhou Xu  
Ruben Rellan Alvarez  
Abdulkerim Eroglu  
Arion Kennedy  
Xiaojing Liu  
Ryan Charles Sartor  
Joshua Strable  
Jose Trinidad Ascencio-Ibanez  
Raquel Hernandez  
David G. Presutti  
Paul Douglas Swartz  
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
Biochemistry (PhD)

Jason Locasale
Michael Milburn
Whitney Stutts
Peter Thompson