

Biochemistry (PhD)

Degree Requirements

Code	Title	Hours
Core Courses		30
BCH 701	Macromolecular Structure (First semester - Fall)	
BCH 703	Macromolecular Synthesis and Regulation (Second Semester - Spring)	
BCH 705	Molecular Biology Of the Cell (Third Semester - Fall)	
BCH 801	Seminar In Biochemistry ¹	
BCH 870	Laboratory Rotations (First semester - Fall) ²	
BCH 810	Special Topics (First semester - Fall)	
BCH 815	Advanced Special Topics (Second Semester - Spring)	
BCH 895	Doctoral Dissertation Research ³	
Biochemistry / Related Course		3
Select 1 advanced course in biochemistry or related approved in conjunction with the academic committee		
Additional Courses		39
"Additional Courses" are approved in conjunction with the academic committee to meet 72 total hours ³		
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

Joe Barycki

Dennis Brown

Colleen Jennifer Doherty

Abdulkarim Eroglu

Michael B. Goshe

Raquel Hernandez

Linda Kay Hanley-Bowdoin

Arion Kennedy

Xiaojing Liu

Thomas Makris

Flora Meilleur

Eric S. Miller

William Laubach Miller

David G. Presutti

Robert B. Rose

Ruben Rellan Alvarez

Ryan Charles Sartor

Melanie Simpson

Joshua J. Strable

Jose Trinidad Ascencio-Ibanez

Ning Sui

Paul Douglas Swartz

Peter Thompson

Guozhou Xu

Adjunct Faculty

Jason Locasale

Michael Luther

Michael Milburn

James Otvos

Emeritus Faculty

Cynthia L. Hemenway

Horace R. Horton

Joseph Stephan Kahn

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James W. Moyer

Ron Ross Sederoff

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Elizabeth C. Theil

Paul L. Wollenzien