

Biomedical Engineering (PhD)

Degree Requirements

Code	Title	Hours	Counts towards
52 hour minimum		52	
BME 802	Advanced Seminar in Biomedical Engineering (each semester (except the semester prior to graduation))		
or BME 890 Doctoral Preliminary Examination			
Biology/Medicine: A two semester sequence covering core aspects of relevant biology and physiology			
Engineering: 6 hours			
Graduate-level mathematics: 3 hours			
Graduate-level statistics: 3 hours			
Scientific/Technical Electives: 9 hours minimum			
Dissertation Research: 6 hours minimum			
Total Hours		52	

Faculty

Department Chair

Paul Dayton

Associate Chairs

Lianne Cartee, *Associate Chair for Education*

Shawn Gomez, *Associate Chair for Research*

Directors

Lianne Cartee, *Director of Undergraduate Studies*

Matthew Fisher, *Director of Graduate Studies*

Associate Director

Naji Hussein, *Associate Director of Undergraduate Studies*

Distinguished Professors

Lianne Cartee, *Alumni Distinguished Undergraduate Professor*

Paul Dayton, *William R. Kenan Jr. Distinguished Professor*

He (Helen) Huang, *Jackson Family Distinguished Professor*

H. Troy Nagle

Roger Narayan

Koji Sode, *William R. Kenan Jr. Distinguished Professor*

Professors

Lianne Cartee

Paul A. Dayton

Caterina M. Gallippi

Shawn Gomez

Leaf Huang

H. Troy Nagle Jr.

Weili Lin

J. Michael Ramsey

George (Rick) Stouffer

Associate Professors

Ashley Brown

Yevgeny Brudno

Jacqueline Cole

Michael Daniele

Bob Dennis

Kenneth Donnelly

Oleg Favorov

Matthew Fisher

Jason Franz

Donald Freytes

Michael Gamcsik

David Hill

Devin Hubbard

Naji Hussein

Derek Kamper

David Lalush
Jeffrey Macdonald
Scott Magness
Matthew Penny
Gianmarco Pinton
Nitin Sharma
Mark Tommerdahl
Anka Veleva
Bruce Wiggin
David Zaharoff

Lecturers

Sidhartha Jandhyala
Nick Jardine

Assistant Professors

Amy Adkins
Pritha Agarwalla
Wen Yih Aw
Rahima Benhabbour
Joseph Burclaff
Melissa Caughey
Silvia Ceballos
Brian Diekman
Alon Greenbaum
Michael Jay
Kennita Johnson
Jinwook Kim
Wesley Legant
Ming Liu
Virginie Papadopoulou
Ross Petrella
William Polacheck
Imran Rizvi
Francisco Santibanez
Sarah Shelton
James Tsuruta
