

Functional Genomics (PhD)

Degree Requirements

Code	Title	Hours	Counts towards
Genomic Sciences Core		12	
ST 590	Special Topics (Intro Bioinformatics)		
GN 735	Functional Genomics		
GN 701	Molecular Genetics		
	or BCH 703 Macromolecular Synthesis and Regulation		
PP 810	Special Topics (Genomics Journal Club) ¹		
GN 850	Professionalism and Ethics		
Functional Genomics Core		11	
ST 511	Statistical Methods For Researchers I		
GN 702	Cellular and Developmental Genetics		
	or BCH 705 Molecular Biology Of the Cell		
GN 703/ BCH 701	Population and Quantitative Genetics		
PP 810	Special Topics (Genomics Journal Club) ¹		
Elective Courses		9	
Functional Genomics Category I Electives will be determined in conjunction with the academic committee ²			
Research and Additional Electives		40	
"Research and Additional Electives" will be determined in conjunction with the academic committee			
Total Hours		72	

¹ PP 810 Special Topics: Genomics Journal Club must be taken multiple times to meet the required core hours.

² Functional Genomic Category I Electives cannot be chosen from ST 590, CSC 530, ST 512, ST 501, or ST 502. However, these courses can be taken as additional electives beyond the minimum 36 credit requirement.

Faculty

Full Professors

Kenneth B. Adler

Jose Miguel Alonso

Prema Arasu

Christopher M. Ashwell

David M. Bird

Russell J. Borski

Rebecca S. Boston

Matthew Breen

Edward Bealmear Breitschwerdt

Dennis T. Brown

James W. Brown

Ignazio Carbone

Margaret E. Daub

Gregg A. Dean

Ralph A. Dean

Ralph E. Dewey

Charlotte E. Farin

Robert Graham Franks

Frederick J. Fuller

John E. Gadsby

Troy Ghashghaei

John R. Godwin

Major M. Goodman

Amy Michele Grunden

Linda Kay Hanley-Bowdoin

Jason M. Haugh

James B. Holland

Jonathan M. Horowitz

Sophia Kathariou

Robert M. Kelly

Matthew D. Koci

Bailian Li

Jonathan S. Lindsey

Hsiao-Ching Liu
Steven Lommel
James W. Mahaffey
Earl S. Maxwell
Steven Edward McKeand
Melissa Schuster Merrill
Eric S. Miller
Paul Edward Mozdziak
David C. Muddiman
Jack Odle
Charles H. Opperman
James N. Petite
Robert M. Petters
Jorge A. Piedrahita
Brian J. Reich
Jean B. Ristaino
Maria C. Sagui
Heike Inge Ada Sederoff
Barbara Sherry
Robert Charles Smart
William F. Thompson
Ross W. Whetten
Brian M. Wiegmann
Qiuyun Xiang
Deyu Xie
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Associate Professors

Nicolas E. Buchler
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Assistant Professors

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Benjamin John Callahan
Ilenys Muniz Perez Diaz
Manuel Kleiner
Kurt Marsden
Santosh Kumar Mishra
David Alan Rasmussen
Christina Zakas

Practice/Research/Teaching Professors

Patricia A Estes

Emeritus Faculty

Henry Van Amerson
William Reid Atchley
James W. Brown
Vincent L. C. Chiang
Steven D. Clouse
Stephanie E. Curtis
Barry Goldfarb
Cynthia L. Hemenway
Todd Robert Klaenhammer
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Adjunct Faculty

Robert R. Anholt

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