

Functional Genomics (MR)

Degree Requirements

Code	Title	Hours	Counts towards
Genomic Sciences Core Courses			12
ST 590	Special Topics (Intro Bioinformatics)		
GN 735	Functional Genomics		
GN 701	Molecular Genetics		
	or BCH 703 Macromolecular Synthesis and Regulation		
PP 810/610	Special Topics (Genomics Journal Club)		
GN 850	Professionalism and Ethics		
Functional Genomics Core Courses			18
ST 511	Statistical Methods For Researchers I		
GN 702	Cellular and Developmental Genetics		
	or BCH 705 Molecular Biology Of the Cell		
GN 703	Population and Quantitative Genetics		
	or BCH 701 Macromolecular Structure		
Students will select an additional nine credit hours of Functional Genomics Category I Electives in conjunction with the academic committee ¹			
Total Hours			30

¹ 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 30 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

Dorith Rotenberg

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

Jeffrey A. Yoder

Associate Professors

Nicolas E. Buchler

Michael B. Goshe

Steffen Heber

David S. Lalush

Flora Meilleur

Jonathan W. Olson

Lina Quesada

Marcelo Rodríguez-Puebla

Michael L. Sikes

Assistant Professors

Caitlin S. Heil

Ruben Rellan Alvarez

Benjamin John Callahan

Ilenys Muniz Perez Diaz

Manuel Kleiner

Kurt Marsden

Santosh Kumar Mishra

David Alan Rasmussen

Christina Zakas

Practice/Research/Teaching Professor

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

David H. Ley

James W. Moyer

Paul E. Orndorff

Ron Ross Sederoff

Wayne Tompkins

Paul L. Wollenzien

Adjunct Faculty

Robert R. Anholt

Trudy F. MacKay