

Comparative Biomedical Sciences (PhD): Population and Global Health

Degree Requirements

Code	Title	Hours	Counts towards
Core Courses			
CBS 565	Fundamentals of Biomedical Sciences	3	
ST 511	Statistical Methods For Researchers I	3	
or ST 517	Applied Statistical Methods I		
CBS 662	Professional Conduct in Biomedical Research	1	
CBS 800	CBS Seminar	1	
CBS 800	CBS Seminar	1	
CBS 800	CBS Seminar	1	
Total Hours		10	

Concentration Requirements

Code	Title	Hours	Counts towards
Core Courses			
See "Core Courses" listed above		10	
Concentration Courses			
CBS 650	Population Medicine Forum (Seminar in Pop Med & Vet Public Health) ¹		
or CBS 595	Special Topics		
CBS 650	Population Medicine Forum (Seminar in Pop Med & Vet Public Health)		
CBS 650	Population Medicine Forum (Seminar in Pop Med & Vet Public Health)		
CBS 775	Designing population-based research		
Elective Courses		6	
See "Elective Courses" listed below			
Total Hours		28	

¹ Other concentration seminars can be substituted

Elective Courses

Code	Title	Hours	Counts towards
Select at least three of the following courses:			
CBS 580	Epidemiology I	3	
CBS 586	One Health: From Philosophy to Practice	2	
CBS 649	Issues in Preventive Medicine and Public Health	1	
CBS 713	Zoonoses and Public Health	3	
CBS 754	Epidemiology II	3	
CBS 776	Infectious Disease Dynamics		
BMA 560	Population Ecology	3	
BMA 567	Modeling of Biological Systems	4	
GN 703	Population and Quantitative Genetics	3	
SOC 755	Global Institutions and Markets	3	
SOC 762	Sociology of Food Systems	3	
SOC 761	Contemporary Debates in Food & Environment	3	
PA 511	Public Policy Analysis	3	
PA 715	Quantitative Policy Analysis	3	
BIT 477	Metagenomics	2	
BIT 815	Advanced Special Topics	1-6	
ST 505	Applied Nonparametric Statistics	3	
ST 506	Sampling Animal Populations	3	
ST 512	Statistical Methods For Researchers II	3	
ST 520	Statistical Principles of Clinical Trials	3	
ST 531	Experimental Design	3	

ST 533	Applied Spatial Statistics	3	John R. Godwin
ST 535	Statistical Methods for Quality and Productivity Improvement	3	Jody L. Gookin
ST 537	Applied Multivariate and Longitudinal Data Analysis	3	Bruce Hammerberg
ST 540	Applied Bayesian Analysis	3	Lee-Ann Jaykus
ST 544	Applied Categorical Data Analysis	3	Samuel L. Jones
ST 590	Special Topics (Intro to Bioinformatics)	1-6	Matthew D. Koci
ST 590	Special Topics (Bioinformatics II)	1-6	Seth William Kullman
ST 745	Analysis of Survival Data	3	Duncan X. Lascelles
			Scott M. Laster
			Jerry M. Law
			Keith E. Linder
			Carolyn Jane Mattingly
			Kathryn Montgome Meurs
			Paul Edward Mozdziak
			Natasha J. Olby
			Mark G. Papich
			Heather Patisaul
			Jorge A. Piedrahita
			Emilie Francesca Rissman
			Philip L. Sannes
			Barbara Sherry
			Robert Charles Smart
			Geoffrey W. Smith
			Michael K. Stoskopf
			Siddhartha Thakur
			Jeffrey A. Yoder

Faculty

Full Professors

Kenneth B. Adler

Glen William Almond

Kevin L. Anderson

Christopher M. Ashwell

Ronald E. Baynes

Adam Joseph Birkenheuer

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James C. Bonner

Russell J. Borski

Matthew Breen

Edward Bealmear Breitschwerdt

Ke Cheng

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Isabel M. Gimeno

Associate Professors

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 John Edward Meitzen
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 Michael Warren Nolan
 Monique Danielle Pairis-Garcia
 Xinxia Peng
 Antonio Planchart
 Marcelo Rodriguez-Puebla
 Lauren V. Schnabel
 Michael L. Sikes
 Barrett D Slenning
 Susan T. Tonkonogy

Assistant Professors

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 Tal Ben-Horin
 Yevgeny Brudno
 Benjamin John Callahan
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 Glenn Paul Cruse
 Christopher Matthew Dekaney
 Liara M. Gonzalez
 Margaret Elizabeth Gruen
 Christopher Daniel Guilluy
 Tobias Ernst Kaeser
 Albert Jun Qi Keung
 Raveendra Rangarao Kulkarni
 Caroline Laplante
 Elizabeth Lucas
 Jennifer Ann Luff
 Gustavo Machado
 Kurt Marsden
 Kelly Ann Meiklejohn
 Kristen Michele Messenger
 Santosh Kumar Mishra
 Hiroyuko Mochizuki

Annie Oh
 Kursten Veronica Pierce
 Sarah Kathleen Rhea
 Mary Katherine Sheats
 Casey Michelle Theriot
 Laurianne Chantal Van Landeghem
 Jose Augusto Len Yin

Practice/Research/Teaching Professors

Ricardo G. Maggi
 Thierry Jean Marie Olivry
 Erin Frey Pearson

Emeritus Faculty

Harold J. Barnes
 Talmage T. Brown Jr.
 John Michael Cullen
 Lloyd Norman Fleisher
 Oscar J. Fletcher Jr.
 Sarah Y. Gardner
 Marlene L. Hauck
 Cynthia L. Hemenway
 Suzanne Kennedy-Stoskopf
 Michael Green Levy
 David H. Ley
 Nancy A. Monteiro-Riviere
 William M. Morrow
 Paul E. Orndorff
 W. Rich Redding
 Jim E. Riviere
 Malcolm C. Roberts
 Barbara Lynn Sherman
 Clifford Richard Swanson
 Donald E. Thrall

Adjunct Faculty

Jennifer Lynn Davis

Janice A. Dye

Johanna Rebecca Elfenbein