

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
			Yogesh Saini
			Philip L. Sannes
			Barbara Sherry
			Robert Charles Smart
			Geoffrey W. Smith
			Joshua Stern
			Michael K. Stoskopf
			Siddhartha Thakur
			Jun Tsuji
			Jeffrey A. Yoder

Faculty

Full Professors

Kenneth B. Adler

Glen William Almond

Kevin L. Anderson

Christopher M. Ashwell

Ronald E. Baynes

Adam Joseph Birkenheuer

Anthony T. Blikslager

James C. Bonner

Russell J. Borski

Matthew Breen

Edward Bealmear Breitschwerdt

Ke Cheng

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Associate Professors

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 Sara K. Lyle
 John Edward Meitzen
 Nanette M. Nascone-Yoder
 Michael Warren Nolan
 Monique Danielle Pairis-Garcia
 Xinxia Peng
 Antonio Planchart
 Marcelo Rodriguez-Puebla
 Michael Sano
 Lauren V. Schnabel
 Michael L. Sikes
 Barrett D Slenning
 Susan T. Tonkonogy
 Gregory Wilkerson

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
 Karen Min-Jee Park
 Kursten Veronica Pierce
 Michael Rahe
 Sarah Kathleen Rhea
 Breanna Jo Sheahan
 Mary Katherine Sheats
 Sarah Elizabeth Shelton

Assistant Professors

Belinda Sena Akpa
 Abigail Armwood
 Christa Baker
 Tal Ben-Horin
 Eric Robert Brooks
 Yevgeny Brudno
 Benjamin John Callahan
 Elisa Crisci
 Glenn Paul Cruse
 Christopher Matthew Dekaney
 Liara M. Gonzalez
 Margaret Elizabeth Gruen
 Christopher Daniel Guilluy
 Jennifer Lauren Halleran

Thiago Vilar Silva
 Panchan Sitticharoenchai
 Eduardo Javier Lopez Soto
 Casey Michelle Theriot
 Laurianne Chantal Van Landeghem
 Jose Augusto Len Yin

Practice/Research/Teaching Professors

Alix Berglund
 Phuong-Uyen Cao Dinh
 Ke Huang
 Ricardo G. Maggi
 Thierry Jean Marie Olivry
 Erin Frey Pearson

Adjunct Faculty

Hannah Atkins

Jennifer Lynn Davis

Janice A. Dye

Johanna Rebecca Elfenbein

Holly Roessner

Elizabeth Caitlin Rose

Alexander Tran

Teaching Assistant Professor

Kristen Sullivan

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