

Microbiology (MR)

Degree Requirements

Code	Title	Hours
Core Courses		12
Select at least four of the following courses:		
MB 535	Bacterial Pathogenesis	
MB 714	Microbial Metabolic Regulation	
MB 718	Introductory Virology	
MB 751	Immunology	
MB 758	Microbial Genetics & Genomics	
Elective Courses		18
"Elective Courses" are determined in conjunction with the academic committee to meet the 30 total hours		
Total Hours		30

Additional Requirements

- An annual "Graduate Student Progress" evaluation form is completed by the student with his/her advisor and submitted to the Director of Graduate Programs (DGP)
- An overall grade point average of at least 3.00 on graduate course work at NCSU is required

Faculty

Full Professors

Prema Arasu
 Rodolphe Barrangou
 Frederick Breidt
 Dennis T. Brown
 James W. Brown
 Susan B. Carson
 Mari S. Chinn
 Marc A. Cubeta
 Robert R. Dunn
 Frederick J. Fuller
 Amy Michele Grunden
 Hosni Moustafa Hassan
 Christine Veronica Hawkes
 Shuijin Hu
 Michael Hyman
 Lee-Ann Jaykus
 Sophia Kathariou

Robert M. Kelly
 Matthew D. Koci
 Scott M. Laster
 Hsiao-Ching Liu
 John M. Mackenzie Jr.
 Eric S. Miller
 Ian T. Petty
 Barbara Sherry
 Siddhartha Thakur
 Jeffrey A. Yoder

Associate Professors

Jose Manuel Bruno-Barcena
 Nicolas Emile Buchler
 Jonathan E. Fogle
 Reza A. Ghiladi
 Paul T. Hamilton
 Megan E. Jacob
 Cristina Lanzas
 Jonathan W. Olson
 Joshua Glenn Pierce
 Frank Scholle
 Michael L. Sikes
 Robert G. Upchurch
 Gavin John Williams

Assistant Professors

Oliver Baars
 Benjamin John Callahan
 Wei-Chen Chang
 Nathan Crook
 Angela Rose Harris
 Manuel Kleiner
 Ryan William Paerl
 Ilenys Muniz Perez Diaz
 Casey Michelle Theriot

Emeritus Faculty

Paul Edward Bishop

James W. Brown

Walter J. Dobrogosz

Gerald Hugh Elkan

Michael Carl Flickinger

Todd Robert Klaenhammer

Wesley Edwin Kloos

Geraldine Luginbuhl

Paul E. Orndorff

Leo W. Parks

Jason C. Shih

Adjunct Faculty

James M. Ligon

Scott Harold Shore

Daniel van der Lelie