Microbiology (MR)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Core Courses</td>
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<td>Select at least four of the following courses:</td>
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<td></td>
<td>MB 535 Bacterial Pathogenesis</td>
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<td>MB 714 Microbial Metabolic Regulation</td>
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<td>MB 718 Introductory Virology</td>
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<td>MB 751 Immunology</td>
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<td></td>
<td>MB 758 Microbial Genetics &amp; Genomics</td>
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<td>Elective Courses</td>
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<td>“Elective Courses” are determined in conjunction with the academic committee to meet the 30 total hours</td>
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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
Jose Manuel Bruno-Barcena
Susan B. Carson
Mari S. Chinn
Marc A. Cubeta
Francis De Los Reyes
Robert R. Dunn
Frederick J. Fuller
Amy Michele Grunden

Associate Professors

Nicolas Emile Buchler
Douglas Franklin Call
Jonathan E. Fogle
Reza A. Ghiladi
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

Hosni Moustafa Hassan
Christine Veronica Hawkes
Shuqin 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

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Aram Arshak Mikayelyan
Ryan William Paerl
Ilenys Muniz Perez Diaz
Casey Michelle Theriot

Emeritus Faculty
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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
Maria Andrea Azcarate Peril
Scott Harold Shore
Daniel van der Lelie