Plant Biology (MR)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>PB 795</td>
<td>Special Topics Botany (Functional Plant Biology)</td>
<td>1</td>
</tr>
<tr>
<td>PB 513</td>
<td>Plant Anatomy</td>
<td>1</td>
</tr>
<tr>
<td>PB 570 or PB 503</td>
<td>Plant Functional Ecology ¹ or Systematic Botany ¹</td>
<td>1 or 1</td>
</tr>
<tr>
<td>PB 824</td>
<td>Topical Problems (Plant Biology Colloquium)</td>
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<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
<td>1</td>
</tr>
<tr>
<td>PHI 816</td>
<td>Introduction to Research Ethics (or equivalent ethics course)</td>
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</tr>
<tr>
<td><strong>Plant Biology Course</strong></td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Select one PB prefix course ²</td>
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<td></td>
</tr>
<tr>
<td>PB 685</td>
<td>Master’s Supervised Teaching</td>
<td>3</td>
</tr>
<tr>
<td>PB 693</td>
<td>Master’s Supervised Research</td>
<td>3</td>
</tr>
<tr>
<td><strong>Additional Courses</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td>Additional Courses are determined in conjunction with the academic committee to meet the 36 total hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

¹ The course must be taken for a letter grade.
² “Plant Biology Course” is determined in conjunction with the academic committee.

Additional Requirements

M.R. degree students complete the required courses and other courses for 36 total credit hours (at the 500 level or above); 18 hours must be letter-grade. They must also complete a project (and register for 6 hours of PB 693 related to the project) and pass a comprehensive oral exam on general plant biology.

Accelerated Bachelor’s/Master’s Degree Requirements

The Accelerated Bachelors/Master’s (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor’s and Master’s degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master’s degree in the same field within 12 months of completing the Bachelor’s degree, or obtain a thesis-based Master’s degree in the same field within 18 months of completing the Bachelor’s degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

Full Professors
Jose Miguel Alonso
Richard L. Blanton
Kent Oliver Burkey
Joann M. Burkholder
Susan B. Carson
Ralph E. Dewey
Robert Graham Franks
Amy Michele Grunden
Candace Hope Haigler
Linda Kay Hanley-Bowdoin
Christine Veronica Hawkes
William A. Hoffmann
Shuijin Hu
James E. Mickle
Thomas W. Rufty Jr.
Jean B. Ristaino
Heike Inge Ada Sederoff
William F. Thompson
Ross W. Whetten
Qiuyun Xiang
Deyu Xie

Associate professors
Tzung Fu Hsieh
Slavko Komarnytsky
Alexander Krings
Xu Li
Terri A.Long
Marcela Pierce
Rosangela Sozzani
Anna N. Stepanova

Assistant professors
Colleen Jennifer Doherty
William Kevin Petry
Seema Nayan Sheth
Practice/Research/Teaching Professors
Jillian Marie De Gezelle
Chad Victor Jordan
Imara Yasmin Perera
Carole H. Saravitz

Emeritus Faculty
Nina S. Allen
Udo Blum
Wendy F. Boss
Rebecca S. Boston
Margaret E. Daub
Roger C. Fites
James W. Hardin
Walter Webb Heck
Rongda Qu
Jon M. Stucky
Judith F. Thomas
C. Gerald VanDyke
Thomas R. Wentworth