## Plant Biology (PhD)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PB 795</td>
<td>Special Topics Botany (Functional Plant Biology) &lt;sup&gt;1&lt;/sup&gt;</td>
<td>1</td>
<td>15-16</td>
</tr>
<tr>
<td>PB 513</td>
<td>Plant Anatomy &lt;sup&gt;1&lt;/sup&gt;</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PB 824</td>
<td>Topical Problems (Botany Colloquium)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I &lt;sup&gt;1&lt;/sup&gt;</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PHI 816</td>
<td>Introduction to Research Ethics (or equivalent ethics course)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PB 570</td>
<td>Plant Functional Ecology &lt;sup&gt;1&lt;/sup&gt;</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>or PB 503</td>
<td>Systematic Botany</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Teaching / Research Courses</td>
<td>2-12</td>
<td></td>
</tr>
<tr>
<td>PB 885</td>
<td>Doctoral Supervised Teaching</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PB 893</td>
<td>Doctoral Supervised Research</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plant Biology Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one PB prefix course &lt;sup&gt;2&lt;/sup&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional Courses</td>
<td>41-52</td>
<td></td>
</tr>
</tbody>
</table>

*Additional Courses are determined in conjunction with the academic committee to meet the 72 total hours.*

**Total Hours**: 72

<sup>1</sup> The course must be taken for a letter grade.

<sup>2</sup> “Plant Biology Course” is determined in conjunction with the academic committee.

### Additional Requirements

Ph.D. degree students complete the required courses and other courses for 72 total credit hours (at the 500 level or above). They must also pass a written and oral preliminary exam, and defend a dissertation.

### Full Professors

Adrian John Percy

### Associate 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
Shujin 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
Tzung Fu Hsieh
Slavko Komarnytsky
Alexander Krings
Xu Li
Terri A.Long
Marcela Pierce
Rosangela Sozzani
Anna N. Stepanova
Jillian Marie De Gezelle
Chad Victor Jordan
Imara Yasmin Perera
Carole H. Saravitz
Nina S. Allen
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

Assistant professors
Orlando Arguello-Miranda
Colleen Jennifer Doherty
Manuel Kleiner
William Kevin Petry
Seema Nayan Sheth