# 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>15-16</td>
</tr>
<tr>
<td>PB 795</td>
<td>Special Topics Botany (Functional Plant Biology)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PB 513</td>
<td>Plant Anatomy</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</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</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>or PB 503</td>
<td>Systematic Botany</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Teaching / Research Courses</th>
<th>2-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB 885</td>
<td>Doctoral Supervised Teaching</td>
</tr>
<tr>
<td>PB 893</td>
<td>Doctoral Supervised Research</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant Biology Course</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one PB prefix course</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Courses</th>
<th>41-52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Courses are determined in conjunction with the academic committee to meet the 72 total hours</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** | 72 |

1. The course must be taken for a letter grade.  
2. “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.

## Associate professors

- **Jose Miguel Alonso**  
- **Richard L. Blanton**  
- **Kent Oliver Burkey**  
- **Joann M. Burkholder**  
- **Susan B. Carson**  
- **Robert E. Dewey**  
- **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**  
- **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**  
- **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
Mallory Choudoir
Colleen Jennifer Doherty
Manuel Kleiner
Zhe Lyu
William Kevin Petry
Kasie Raymann
Seema Nayan Sheth