# 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) ¹</td>
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<tr>
<td>PB 513</td>
<td>Plant Anatomy ¹</td>
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<tr>
<td>PB 824</td>
<td>Topical Problems (Botany Colloquium)</td>
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<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I ¹</td>
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<tr>
<td>PHI 816</td>
<td>Introduction to Research Ethics (or equivalent ethics course)</td>
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<tr>
<td>PB 570</td>
<td>Plant Functional Ecology ¹</td>
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<tr>
<td>or PB 503</td>
<td>Systematic Botany</td>
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### Teaching / Research Courses

<table>
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<tr>
<th></th>
<th>2-12</th>
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</thead>
<tbody>
<tr>
<td>PB 885</td>
<td>Doctoral Supervised Teaching</td>
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<tr>
<td>PB 893</td>
<td>Doctoral Supervised Research</td>
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### Plant Biology Course

Select one PB prefix course ²

### Additional Courses

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

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<tr>
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<th>41-52</th>
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</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.

## 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

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

## Practice/Research/Teaching Professors

- Tika Bahadar Adhikari
Jillian Marie De Gezelle
Chad Victor Jordan
Imara Yasmin Perera
Carole H. Saravitz

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**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