BOTANY

Not all courses are offered every semester. Refer to the schedule of courses for each term’s specific offerings.

More Info

Courses at the University of Florida, with the exception of specific foreign language courses and courses in the online Master of Arts in Mass Communication program, are taught in English.

Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 3023 Elementary Organic and Biological Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>BOT 2010C Introductory Botany</td>
<td>3</td>
</tr>
<tr>
<td>BOT 2011C Plant Diversity</td>
<td>4</td>
</tr>
<tr>
<td>BOT 2710C Practical Plant Taxonomy</td>
<td>3</td>
</tr>
<tr>
<td>BOT 2800C Plants in Human Affairs</td>
<td>3</td>
</tr>
<tr>
<td>BOT 3151C Local Flora of North Florida</td>
<td>3</td>
</tr>
<tr>
<td>BOT 3503 Physiology and Molecular Biology of Plants</td>
<td>3</td>
</tr>
<tr>
<td>BOT 3503L Physiology and Molecular Biology of Plants Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>BOT 4053 Practical Experience in Teaching Botany</td>
<td>2</td>
</tr>
<tr>
<td>BOT 4621 Plant Geography</td>
<td>2</td>
</tr>
<tr>
<td>BOT 4650 Plant Symbiosis</td>
<td>3</td>
</tr>
<tr>
<td>BOT 4905 Individual Studies in Botany</td>
<td>2-4</td>
</tr>
<tr>
<td>BOT 4911 Undergraduate Research in Botany</td>
<td>0-3</td>
</tr>
<tr>
<td>BOT 4935 Special Topics</td>
<td>1-4</td>
</tr>
<tr>
<td>BOT 4936 Overseas Studies</td>
<td>1-15</td>
</tr>
<tr>
<td>PCB 3023 Essential Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>PCB 3034C Introduction to Ecology</td>
<td>4</td>
</tr>
<tr>
<td>PCB 3601C Plant Ecology</td>
<td>3</td>
</tr>
</tbody>
</table>

Patterns in the distribution of plants around the earth and factors that influence plant geography. Topics include similarities of plant communities in different parts of the world, common distribution patterns among individual taxa, and methods for inferring biogeographic history and predicting future changes in plant distribution.

Prereq: BSC 2010/ BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C, or instructor permission.

Examines the crucial role of symbioses in shaping the diversity of life. Topics include generalities among symbioses, origins and establishment of symbioses, and coevolution and cospeciation, as well as specifics of well-studied exemplars of bacterial, fungal, animal, and plant symbioses with plants.

Prereq: BSC 2010/BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C.

Basic plant taxonomy, systematics, phytochemicals, uses of plants by animals and various human cultures, and in the development of modern medicine and drug development. Uses of plant tissues and products in forensic investigations will also be discussed.

Qualified students and an instructor choose a particular problem for study.

Prereq: 8 credits of botany.

Provides firsthand, supervised research in Botany. Projects may involve inquiry, design, investigation, scholarship, discovery or application in Botany.

Special topics in botany.

This course is intended for those interested in plants.

and predicting future changes in plant distribution.

Among individual taxa, and methods for inferring biogeographic history.

Patterns in the distribution of plants around the earth and factors that influence plant geography. Topics include similarities of plant communities in different parts of the world, common distribution patterns among individual taxa, and methods for inferring biogeographic history and predicting future changes in plant distribution.

Prereq: BSC 2010/ BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C, or instructor permission.

Examines the crucial role of symbioses in shaping the diversity of life. Topics include generalities among symbioses, origins and establishment of symbioses, and coevolution and cospeciation, as well as specifics of well-studied exemplars of bacterial, fungal, animal, and plant symbioses with plants.

Prereq: BSC 2010/BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C.

Basic plant taxonomy, systematics, phytochemicals, uses of plants by animals and various human cultures, and in the development of modern medicine and drug development. Uses of plant tissues and products in forensic investigations will also be discussed.

Qualified students and an instructor choose a particular problem for study.

Prereq: 8 credits of botany.

Provides firsthand, supervised research in Botany. Projects may involve inquiry, design, investigation, scholarship, discovery or application in Botany.

Special topics in botany.

This course is intended for those interested in plants.

and predicting future changes in plant distribution.

Among individual taxa, and methods for inferring biogeographic history.

Patterns in the distribution of plants around the earth and factors that influence plant geography. Topics include similarities of plant communities in different parts of the world, common distribution patterns among individual taxa, and methods for inferring biogeographic history and predicting future changes in plant distribution.

Prereq: BSC 2010/ BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C, or instructor permission.

Examines the crucial role of symbioses in shaping the diversity of life. Topics include generalities among symbioses, origins and establishment of symbioses, and coevolution and cospeciation, as well as specifics of well-studied exemplars of bacterial, fungal, animal, and plant symbioses with plants.

Prereq: BSC 2010/BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C.

Basic plant taxonomy, systematics, phytochemicals, uses of plants by animals and various human cultures, and in the development of modern medicine and drug development. Uses of plant tissues and products in forensic investigations will also be discussed.

Qualified students and an instructor choose a particular problem for study.

Prereq: 8 credits of botany.

Provides firsthand, supervised research in Botany. Projects may involve inquiry, design, investigation, scholarship, discovery or application in Botany.

Special topics in botany.

This course is intended for those interested in plants.

and predicting future changes in plant distribution.

Among individual taxa, and methods for inferring biogeographic history.

Patterns in the distribution of plants around the earth and factors that influence plant geography. Topics include similarities of plant communities in different parts of the world, common distribution patterns among individual taxa, and methods for inferring biogeographic history and predicting future changes in plant distribution.

Prereq: BSC 2010/ BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C, or instructor permission.

Examines the crucial role of symbioses in shaping the diversity of life. Topics include generalities among symbioses, origins and establishment of symbioses, and coevolution and cospeciation, as well as specifics of well-studied exemplars of bacterial, fungal, animal, and plant symbioses with plants.

Prereq: BSC 2010/BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C.

Basic plant taxonomy, systematics, phytochemicals, uses of plants by animals and various human cultures, and in the development of modern medicine and drug development. Uses of plant tissues and products in forensic investigations will also be discussed.

Qualified students and an instructor choose a particular problem for study.

Prereq: 8 credits of botany.

Provides firsthand, supervised research in Botany. Projects may involve inquiry, design, investigation, scholarship, discovery or application in Botany.

Special topics in botany.

This course is intended for those interested in plants.

and predicting future changes in plant distribution.

Among individual taxa, and methods for inferring biogeographic history.

Patterns in the distribution of plants around the earth and factors that influence plant geography. Topics include similarities of plant communities in different parts of the world, common distribution patterns among individual taxa, and methods for inferring biogeographic history and predicting future changes in plant distribution.

Prereq: BSC 2010/ BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C, or instructor permission.

Examines the crucial role of symbioses in shaping the diversity of life. Topics include generalities among symbioses, origins and establishment of symbioses, and coevolution and cospeciation, as well as specifics of well-studied exemplars of bacterial, fungal, animal, and plant symbioses with plants.

Prereq: BSC 2010/BSC 2010L and BSC 2011/BSC 2011L with minimum grades of C.