### Lecture Schedule: TR 2:00 – 3:15 PM

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Textbook Readings</th>
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</thead>
<tbody>
<tr>
<td>8/25/15</td>
<td>Course overview, importance of plants</td>
<td>pp. 2-6</td>
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<tr>
<td>8/27/15</td>
<td>Origins of agriculture; science of plants</td>
<td>pp. 6-7, 13-18, 524-540</td>
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<tr>
<td>9/1/15</td>
<td>Plant cells and tissues</td>
<td>Ch. 2</td>
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<tr>
<td>9/3/15</td>
<td>Plant cells and tissues</td>
<td>Ch. 2</td>
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<tr>
<td>9/8/15</td>
<td>Roots</td>
<td>Ch. 3</td>
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<tr>
<td>9/10/15</td>
<td>Stems</td>
<td>Ch. 4</td>
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<tr>
<td>9/15/15</td>
<td>Leaves</td>
<td>Ch. 5</td>
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<tr>
<td>9/17/15</td>
<td><strong>EXAM I</strong></td>
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<tr>
<td>9/22/15</td>
<td>Photosynthesis and respiration</td>
<td>Ch. 9</td>
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<tr>
<td>9/24/15</td>
<td>Responses to stimuli</td>
<td>Ch. 10</td>
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<tr>
<td>9/29/15</td>
<td>Responses to stimuli</td>
<td>Ch. 10</td>
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<tr>
<td>10/1/15</td>
<td>Soils and transport</td>
<td>Ch. 11</td>
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<td>10/6/15</td>
<td>Plant genetics</td>
<td>Ch. 13</td>
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<td>10/8/15</td>
<td>Plant evolution</td>
<td>Ch. 12</td>
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<td>10/13/15</td>
<td>Plant phylogenetics</td>
<td>Ch. 14</td>
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<td><strong>10/15/15</strong></td>
<td><strong>EXAM II</strong></td>
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<tr>
<td>10/20/15</td>
<td>Plant kingdom; characteristics of plants</td>
<td>Ch. 16</td>
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<tr>
<td>10/22/15</td>
<td>Bryophytes</td>
<td>Ch. 17</td>
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<td>10/27/15</td>
<td>Lycophytes and ferns</td>
<td>Ch. 18</td>
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<td>10/29/15</td>
<td>Gymnosperms</td>
<td>Ch. 19</td>
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<td>11/3/15</td>
<td>Angiosperms</td>
<td>Ch. 20</td>
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<td>11/5/15</td>
<td>Sexual reproduction</td>
<td>Ch. 6</td>
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<td>11/10/15</td>
<td>Fruits, seeds, and reproductive structures</td>
<td>Ch. 7</td>
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<td><strong>11/12/15</strong></td>
<td><strong>EXAM III</strong></td>
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<tr>
<td>11/17/15</td>
<td>Asexual reproduction in plants</td>
<td>Ch. 8</td>
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<tr>
<td>11/19/15</td>
<td>Genetic engineering and plants</td>
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<tr>
<td><strong>11/23/15-11/27/15</strong></td>
<td><strong>Fall recess: no classes</strong></td>
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<tr>
<td>12/1/15</td>
<td>Cyanobacteria and algae</td>
<td>Ch. 15</td>
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<td>12/3/15</td>
<td>Fungi</td>
<td>Ch. 21</td>
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<td>12/8/15</td>
<td>Biomes</td>
<td>Ch. 22</td>
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<tr>
<td>12/10/15</td>
<td>Ethnobotany</td>
<td>Ch. 24</td>
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*Homework assignment due at 11:59 pm on Friday

**Schedule may be changed as needed. Announcements will be made in lecture.

**FINAL EXAM (Comprehensive):**

**Instructor:** Dr. Heather Blackburn

**Office:** Yates 214

**E-mail:** heather.blackburn@colostate.edu

**Office Hours:** T&Th 10-11:30AM; other times by appointment

**E-mail Communication:** Please put “BZ 104” in the subject line. If your questions are involved or require long answers, you should come to office hours, talk with me after class, or make an appointment (see ‘Help’ below).

**Course Materials:**


2. **Canvas:** Registered students have automatic access to the Canvas site where grades, assignments, and resources will be posted. PowerPoint lectures will not be posted.
Grading Policy: 550 points are available for the course. There will be no plus/minus grades. We adhere to the University policies on academic integrity: http://learning.colostate.edu/integrity.

Exams: In lecture there will be three hourly exams worth 100 points each and a comprehensive, 100-point final exam that will count twice. Thus, there will be five recorded lecture exam scores. We will drop the lowest exam score. If the final exam is your lowest score, it will count only once. Therefore, you will have four exam scores providing a maximum of 400 points. **There will be no make-up exams.** If you miss an exam for any reason, you will receive a score of zero on that exam, and it will be the grade that is dropped. If you belong to any University sponsored group, I must be informed of known conflicts with exams with a letter signed by an appropriate authority by the beginning of the second week of classes and an early exam date will be arranged. In-class exams will be a combination of short-answer, multiple choice and true/false, and will be partially or entirely taken on Scantron. I am happy to discuss exam questions with you at any time. For scoring purposes, no exam scores will be changed after 7 days following posting of exam scores and keys.

Homework: Fourteen homework assignments will be available throughout the semester. Each homework assignment is worth 10 points, and the two lowest homework scores will be dropped. Homework will be worth a total of 120 points. These homework assignments will be posted on Canvas. Each homework assignment will be based partially upon a reading assignment, also posted in Canvas. Reading assignments may also be discussed in class and may be the basis for daily questions. Assignments will be available for one week, from 11:59 PM on Tuesday through 11:59 PM the following Monday night. Homework assignments will be due each week of the semester, with the first assignment due on Monday, 8/31/15.

Daily questions: Questions will be asked regularly in class. The date of these questions will **not be announced ahead of time.** You will be asked to consider questions either individually or as a group, and to submit your thoughts on paper. Bring scratch paper and a pen or pencil to class, to allow you to submit your answers. These in-class questions will be worth one to four points each, and will total 30 points by the end of the semester.

Bonus points: Up to fifteen bonus points are available in this course. Activities that can be used to earn bonus points are posted on the course Canvas page. Self-directed bonus projects are also available; to suggest a project, write a brief proposal and submit it by **Tuesday, 11/10/2015.** Partial credit may be given. To claim bonus points for events, you must turn in all of the items listed in the description of the event, on or before 12/3/15. Even if you attend the event with a friend, write your synopses and answer questions independently; **do not copy or paraphrase each other.**

Students with Disabilities: Students who need special accommodation for taking exams should consult with the Office of Resources for Disabled Students.

Preparing for Exams: Exams will be given as a combination of Scantron and handwritten short-answer questions. Bring #2 pencils. No notes, calculators or electrical devices are allowed. The exam will be based on the information presented in lecture. Much of the information in lecture is found in the textbook, but not all of it; good notes are key to doing well on the exam. I try to focus exams on the major ideas and concepts covered in the course, and to ask questions that allow you to demonstrate that you understand the material conceptually. Outlines for each lecture will be posted. These are to help with organization of your notes, and are not intended to be complete study guides.

Help: For quick questions, you are welcome to ask after class; for longer discussions, you are welcome to attend office hours or arrange a mutually convenient meeting time. Resources for students are available through the TILT program, held in the TILT building (The Institute for Learning and Teaching). TILT offers free assistance in note-taking, studying, time management, and other skills. For more info go to: http://tilt.colostate.edu/learning/tutoring/. I highly recommend this service.
**Collaboration:** Collaboration with classmates is encouraged. I recommend creating study groups and meeting regularly to talk about the lecture material and the readings. However, your work should be your own; you may collaborate to work through homework questions, but do not copy each other.

**Honesty:** This course is designed to allow everyone to succeed, but it will take some work and investment. Please respect yourself, your classmates, and your instructors by using integrity in your coursework. Cheating is penalized at CSU, and is not worth the academic risk. More importantly, your personal character is more critical (and longer-lasting) than your grade in any course.