## PLANT SCIENCE
### Plant Health Option, B.S. (120 Units)

*Official planning guide approved by the Jordan College of Agricultural Sciences & Technology*

Valid for Catalog Years: 2018/2019

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sophomore</th>
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<tbody>
<tr>
<td>Fall</td>
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<tr>
<td>Units</td>
<td>15-16</td>
<td>16-20</td>
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**Milestones**

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<tr>
<td>A1 (3 Units)</td>
<td>Oral Communication</td>
<td>A3 (3 units)</td>
<td>Critical Thinking</td>
<td>C2 (3-4 Units)</td>
<td>Humanities</td>
</tr>
<tr>
<td><em>Must pass with a C or better</em></td>
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<tr>
<td>C1/C2 (3-4 Units)</td>
<td>Arts or Humanities</td>
<td>IB (3 Units)</td>
<td>Physical Universe &amp; Its Life Forms</td>
<td>IC (3-4 Units)</td>
<td>Arts &amp; Humanities</td>
</tr>
<tr>
<td>D1 (3 Units)</td>
<td>American History</td>
<td>D2 (3 Units)</td>
<td>American Government</td>
<td></td>
<td></td>
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<tr>
<td>B3 (0-3 Units)</td>
<td>Lab</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>D3 (3 Units)</td>
<td>Social Science</td>
<td>E1 (3 Units)</td>
<td>Lifelong Understanding &amp; Self Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B4 (3-4 Units)</td>
<td>Quantitative Reasoning</td>
<td>C1 (3-4 Units)</td>
<td>Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B2 (3 Units)</td>
<td>Written Communication</td>
<td></td>
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<tr>
<td></td>
<td><em>Must pass with a C or better</em></td>
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**Jordan College Advising & Career Development Center:**
559-278-4019, Agricultural Sciences 110

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<td>16-20</td>
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</tr>
<tr>
<td>GE Area B2</td>
<td>BIOL 11</td>
<td>(3 Units)</td>
<td>GE Area B1</td>
</tr>
<tr>
<td>Major</td>
<td>SW 2</td>
<td>(3 Units)</td>
<td>MEAG 20</td>
</tr>
<tr>
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<td>PLANT 99</td>
<td>(3 Units)</td>
<td>[Pre-Req: Intermediate algebra or ELM]</td>
</tr>
<tr>
<td></td>
<td>PLTH 104</td>
<td>(3 Units)</td>
<td>[Pre-Req: BIOL 1A or 11]</td>
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### Units

- **Freshman**
  - Fall: 15-16
  - Spring: 16-20

- **Sophomore**
  - Fall: 15-16
  - Spring: 15-16

- **Junior**
  - Fall: 28-35
  - Spring: Elective

- **Senior**
  - Fall: 15-16
  - Spring: 14

### Additional Graduation Requirements

- UDWS (0-4 Units)
- MI (3 Units)

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**FOOTNOTES:**

- **Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.
- **Grade Requirements:** CR/NC grading is not permitted for courses included in the major unless the course has been designated CR/NC grading only (PLANT 194). All prerequisites for courses listed under the major and additional requirements require a grade of C or better.
- **Electives (4-5 units):** Students must earn a minimum of 120 units total to graduate. The number of required elective units may vary, depending on the amount of units earned from major and GE courses.
- **Major Electives (15 units):** Select 15 units (9 upper division) from CRSC, HORT, OH, SW, VIT; PLANT 107, 108, or 134.
- **Upper Division Writing Skills requirement (UDWS):** All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."
- **Substitutions:** If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.
**PLANT SCIENCE**  
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<td>28-35</td>
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| A1 (3 Units) Oral Communication  
*Must pass with a C or better* | A3 (3 units) Critical Thinking  
*Must pass with a C or better* | C2 (3-4 Units) Humanities | C1/C2 (3-4 Units) Arts or Humanities | IB (3 Units) Physical Universe & Its Life Forms | IC (3-4 Units) Arts & Humanities |
| A2 (3 Units) Written Communication  
*Must pass with a C or better* | B3 (0-3 Units) Lab | D1 (3 Units) American History | D2 (3 Units) American Government | | |
| B4 (3-4 Units) Quantitative Reasoning | C1 (3-4 Units) Arts | D3 (3 Units) Social Science | E1 (3 Units) Lifelong Understanding & Self Development | | |
| | | | | | |

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**Major**

- **GE Area B2**
  - BIOL 11 (3 Units)
  - Life Sciences
  - *Not open to students with credit in BIOL 1B*

- **GE Area B1**
  - CHEM 3A (4 Units)
  - Physical Sciences
  - [Pre-Req: GE B4 (may be taken concurrently)]
  - *No credit for CHEM 3A after CHEM 1A*

- **CHEM 8 (3 Units)**
  - [Pre-Req: CHEM 1B or 3A]

- **CHEM 150 (3 Units)**
  - [Pre-Req: CHEM 3B, CHEM 8, or CHEM 128A & 128B]

- **Major Elective (3 Units)**
  - *See footnotes*

- **PLTH 102 (3 Units)**
  - [Pre-Req: CHEM 3B or 8]

- **PLTH 105 (3 Units)**
  - [Pre-Req: BIOL 11; CHEM 3A]

- **SW 2 (3 Units)**

- **MEAG 20 (3 Units)**

- **PLTH Course (3 Units)**

- **PLANT 100 (3 units)**
  - [Pre-Req: CHEM 1A]
  - *See footnotes*

- **SW 100 (3 Units)**
  - [Pre-Req: CHEM 3A; intermediate algebra]

- **SW 100L (1 Unit)**
  - [Pre-Req: SW 100 (may be taken concurrently)]

- **PLTH 106 (3 Units)**
  - [Pre-Req: BIOL 1A or 11]

- **PLTH 108 (3 Units)**
  - [Pre-Req: PLTH 103]

- **PLANT 99 (3 Units)**
  - [Pre-Req: Intermediate algebra or ELM]

- **PLANT 100 (3 Units)**
  - [Pre-Req: BIOL 11]

- **PLANT 150 (3 Units)**
  - [Pre-Req: BIOL 11]

- **PLANT 180, 190, 194, 196; or VIT 196 (2 Units)**
  - *See course catalog for prerequisite requirements*

- **PLANT 104 (3 Units)**
  - [Pre-Req: BIOL 1A or 11]
  - *See footnotes*

  **OR**

  **SW 101 (4 Units)**
  - [Pre-Req: SW 100]

- **PLTH 106 (3 Units)**
  - [Pre-Req: BIOL 11]

- **Major Elective (3 Units)**
  - *See footnotes*

- **Electives**

<table>
<thead>
<tr>
<th>Units</th>
<th>0-4</th>
<th>Elective</th>
<th>UDWS (0-4 Units)</th>
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<tr>
<td></td>
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<td><em>Upper Division Writing Exam OR &quot;W&quot; Course (must pass with a C or better)</em></td>
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