

Plant Science, B.S.

DEPARTMENT

MS in Plant Science, M.S.
MN in Plant Science, Minor
BS in Plant Science, B.S.

REQUIREMENTS

Department of Plant Science

Bachelor of Science Degree Requirements Plant Science Major

This Bachelor of Science degree is designed to provide graduates with an academic background deeply rooted in field-based experiences in the broad array of disciplines within the Plant Sciences.

1. Major Requirements (78 units)

Core Courses (38 units)

PLANT 71, 99, 100, 101, 107 or 108, 150, 160, 161, 162, 163, 172, and 172L

Select three (3) units from MEAG

Select one (1) unit from PLANT 180, 190, 194I, or 196 in consultation with a faculty adviser.

Electives (24 units)

Select twenty-four (24) units of electives that best meet your career objectives. A maximum of nine (9) units may be lower division, including any department-approved transfer courses. Note: Electives cannot double count in the required core.

- MEAG 3, 20, or 50
- PLANT 1, 20, 30, 40, 41, or 60
- MEAG 103, 112, 113, 114, or 120
- PLANT 105, 120, 121, 122, 123, 124, 130, 132, 133, 140, 141, 142, 143, 164, 165, 166, 167, 168, 170T, 174, or 175

Of the twenty four (24) units of electives required you may select one (1) to three (3) courses from outside of the major from the courses listed below. Additional prerequisites may be required for some courses. Other electives outside the major not listed below may be considered, but will require prior department chair approval and may have additional prerequisites.

- AGBS 1, 28, 31, 100, 109, 110, 117, 120, 130, 140, 150, 155, 160, 162, 163, or 164
- BIOL 124, 125, 132, 140, 150, 156, or 171
- CHEM 105
- EES 185 or 186
- IT 186
- VIT 1, 101, 102, 103, 105, 106, 160, or 165

Additional Requirements (16 units)*

CHEM 3A (Area B1); BIOL 11(Area B2); MATH 11 (Area B4); CHEM 8 or 3B; CHEM 150

2. General Education requirements (49 units)

3. Other requirements (9 units)

American Government and Institutions (PLSI 2), Multicultural and International (MI), and Upper-division writing. Note: Plant Science majors are exempt from the MI requirement.

4. Sufficient elective units to meet required total units (varies)

5. Total units (120)**

* Ten (10) units of additional requirements (CHEM 3A, BIOL 11, and MATH 11) are also being used to fulfill (10) units of the G.E. requirement.

Advising Notes

1. Consult with the Jordan College Advising and Career Development Center (JCACDC) adviser and/or faculty adviser each semester.
2. One semester prior to graduation, contact your JCACDC adviser to prepare and file any necessary course substitutions.
3. CR/NC grading is only permitted for PLANT 194I.
4. All prerequisites require a grade of C or higher.
5. The upper-division writing skills requirement can be met by passing the university examination (UDWE) or by taking an approved upper-division writing skills course (i.e. PLANT 110W) to be taken no sooner than the term in which 60 units are completed. One unit of credit in ENGL 100W may be earned for passing the exam if requested by the student; three to four units of credit will be earned by obtaining a letter grade of C or higher in an approved course
6. Units earned for Community College courses may not count toward upper-division units in the major.
7. Students interested in professional certifications or licensures (Crop Adviser, Pest Control Adviser, Professional Soil Scientist, Certified Horticulturist, etc.) should consult with their faculty adviser, and/or the Jordan College Advising and Career Development Center.

FACULTY

The faculty members hold advanced degrees in their fields of specialization from leading agricultural institutions and universities in the United States. They are well-qualified teachers who, through extensive research and interaction with major agricultural industries, bring a wealth of basic and practical information into the classroom. A faculty academic adviser is assigned to work with each student to plan and design an individualized program of study to meet the student's educational and career objectives.

Many of the faculty members are involved in one or more of the Centers of the California Agricultural Technology Institute (Center for Irrigation Technology and the Viticulture and Enology Research Center) and the San Joaquin Experimental Range. These centers offer excellent opportunities to undergraduate and graduate students to participate in applied research projects that address and help solve problems faced by California's agricultural industry.

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.

The faculty pages are updated by the department or program.