

Crop Production Management

Crop Production Management

We're searching for students who want a career that combines the discipline of science and the hands-on appeal of outdoor work. Our strong industry support provides more job opportunities than we have graduates.

Why are our graduates in such demand? Maybe it's because they gain in-depth, first-hand exposure to production agriculture due to our location in the most productive agricultural county in California and the presence of a large university farm located on campus.

The Crop Production Management option provides students with an opportunity to pursue agronomic, horticultural, and farm management careers requiring a general understanding of agricultural business.

Career Opportunities

Agricultural Consultant
Consultant (irrigation, plant health, crop nutrition, crop production)

Farm Equipment Manager
Field Representative for
Agricultural Company
Irrigation and Landscape
Specialist

Irrigation Designer

Pest Control Adviser

Power Equipment Service
Manager

Production Superintendent

Resource Agency Specialist

Turf Production and Irrigation
Specialist

Employment in the following:

Agricultural Sales (chemical, seed, equipment)
Farm Power Application and Sales
Irrigation Equipment Installation and Sales
Marketing Sales

Employment with:

U.S. Department of Agriculture
California Department of Food and Agriculture
County Agricultural Commissioner's Office

Bachelor of Science Degree Requirements

Plant Science Major

Crop Production Management Option: Recommended curriculum for students interested in a foundation of agronomic, vegetable, tree fruit/nut, ornamental horticulture, or row crop production combined with a foundation in agricultural business; recommended curriculum for students interested in combining foundations in agricultural equipment, crop production, and agricultural business.

Units

Major requirements45

PLANT 99, 100; SW 2, 100, 100L

- Choose one from MEAG 3 or 20
 - Choose two from PLTH 103, 105, 106
 - Choose 2 units from PLANT 180, 190, 194, 196, or VIT 196
- After consultation with your adviser, choose

courses below that best serve your career objectives. Courses from above cannot be double-counted below. 15 units must be from no more than two prefixes. Select 21 units (minimum 15 upper-division units) from CRSC, HORT, MEAG, OH, PLTH, SW, VIT; PLANT 1, 107, 108, 134, 150.

Additional

requirements 22-24*

CHEM 3A, BIOL 11, AGECE 1 (or ECON 40), DS 71 (or MATH 75)

- Select one course from CHEM 3B, CHEM 8, PHYS 2A
- Select 18 units (15 upper-division) from the following:**
AGECE 28, 31, 100, 110, 117, 120, 130, 150, 160, 163, 164

General Education

requirements..... 51

(Includes 12 upper-division units, to be taken no sooner than the term in which 60 units of coursework are completed.)

Note: Consult your departmental adviser for other G.E. courses that are recommended for the plant science major. No General Education Integration or Multicultural/International course offered

California State
University, Fresno

Department of
Plant Science

559.278.2861

B.S. in Plant Science

M.S. in Plant Science

Minor in Plant Science

FRESNO STATE

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Crop Production Management

by the Plant Science Department may be used to satisfy the G.E. requirements for majors in the department.

Electives 0-2

Total units.....120

* This total assumes that CHEM 3A, BIOL 11, AGEC 1 (or ECON 40), and DS 71 (or MATH 75) are being used to satisfy 12 units of the G.E. requirement.

** Additional prerequisites may be required for some upper-division AGEC courses

Advising Notes

1. Students will be assisted in selecting an appropriate faculty adviser and be given the curriculum checksheet(s) from which to select a catalog year.
2. Meet with your academic adviser prior to registration each semester.
3. General Education courses designated as required by the department are prerequisites to many courses in the program of study. The General Education requirement of 51 units may be exceeded depending upon your selection of courses.
4. *CR/NC* grading is not permitted for courses included in the major.
5. *Grading policy*: all prerequisites for courses listed under the major and additional requirements require a grade of *C* or better.
6. Upper-division G.E. courses (i.e., 100-level courses) should not be attempted prior to the semester in which 60 lower-division units toward the degree have been completed.
7. The upper-division writing skills requirement can be met by passing the university Upper-Division Writing Examination (UDWE) or by passing an approved upper-division writing skills course. One unit of credit (i.e., ENGL 100W) may be earned for passing the exam; 3 units of credit is earned by obtaining a letter grade of *C* or higher in an approved course, i.e., PLANT 110W. In either case, the requirement will have been met.
8. One semester prior to graduation, contact your academic adviser to prepare and file any necessary course substitutions with the Evaluations Office.
9. Students interested in becoming Certified Professional Agronomists, Certified Crop Advisers, Certified Professional Soil Scientists, or Crop Scientists/Specialists on Soil should consult with their department faculty adviser for additional requirements for certification.

For additional information, write

California State University, Fresno Department of Plant Science

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M/S AS72
Fresno, California
93740-8033

Visit or call

Department of Plant Science

Agricultural Sciences Building,
Room 222
559.278.2861
559.278.7413 Fax

<http://cast.csufresno.edu/PlantSci>

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PLEASE NOTE: This document is for general informational purposes only. The information is subject to change; consult the appropriate department or an academic adviser. Entering freshmen must follow the revised General Education program effective fall 1999 and thereafter. The university catalog and schedule of courses are available online at www.fresnostate.edu/ClassSchedule and www.fresnostate.edu/catalog.

Revised 5/12