

# 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 requirements .....45

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, AGEC 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:\*\*  
AGEC 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**

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