

Plant Health

Plant Health

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 knowledge and hands-on experience.

Our plant health students don't just see photographs — they find and identify weeds, plant diseases, insect pests, and nutrient deficiencies in the field and lab. Our program is also designed to satisfy all the educational requirements to qualify for the Department of Pesticide Regulation examinations for pest control adviser and American Society of Agronomy certified crop adviser exams.

Perhaps the job opportunities keep pouring in as a result of the depth and range of course offerings available to students here. It could be partly due to the real-world experience in agriculture that our outstanding faculty members bring to the classroom. We like to think it's largely because we have some of the finest young men and women in plant science studying at Fresno State!

Career Opportunities

Agricultural Chemical Application Specialist
Biological Pesticide Specialist
Chemical Application Supervisor
Chemical Company Research Technician
Crop Inspector
Entomologist
Inspector
Integrated Pest Management
Pest Control Adviser
Pest Management Consultant
Pesticide Evaluation and Registration Researcher
Pesticide Use Enforcement Officer
Plant Pathologist
Plant Quarantine Inspector
Sales and Grower Services Specialist
Urban Pest Control Specialist

Employment in the following:
Agricultural Consulting (chemical, seed, equipment)
Irrigation Equipment Installation and Consulting
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

Plant Health Option: Recommended curriculum for students interested in obtaining a Pest Control Adviser's license, or who are interested in plant biotechnology or in pursuing a post-graduate degree in plant science.

Units

Major requirements 57-58

PLANT 99, 100, 150;
PLTH 102, 103, 105, 106,
108; SW 2, 100, 100L;
MEAG 20

- Choose one from SW 101, PLTH 104
- Choose 3 additional units from PLTH courses
- Select 15 units (minimum 9 upper division) from CRSC, HORT, OH, SW, VIT; PLANT 1, 107, 108, 134
- Choose 2 units from PLANT 180, 190, 194, 196, or VIT 196

Additional

requirements 7*
CHEM 3A, BIOL 11,
CHEM 8 and 150

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 rec-

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

Discovery. Diversity. Distinction.

Plant Health

ommended for the plant science major. No General Education Integration or Multicultural/International course offered by the Plant Science Department may be used to satisfy the G.E. requirements for majors in the department.

Electives 4-5
Total units..... 120*

* This total assumes that CHEM 3A and BIOL 11 are being used to satisfy 6 units of the G.E. requirement..

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**

2415 East San Ramon
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](http://cast.csufresno.edu/PlantSci)

FRESNO
STATE

Discovery, Diversity, Distinction.

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