

CRPS - Crop Science Courses

CRPS B1 Principles of Crop Production

3 units

Recommended: BC placement into reading level 06 and writing level 06.

Description: Fundamental practices for field, vegetable, tree, and vine crops; basic botany, classification of plants, soils, seeding, fertilizers, irrigation, pest control, and harvest plus specific practices for crops grown in the San Joaquin Valley. Students who have previously successfully completed the course may repeat when needed for State mandated pest control license. Students must obtain a special override from the Office of Admissions and Records in the Administration building.

Hours: 36 lecture, 54 lab

Transferable: CSU and private colleges; BC GE B.1

CRPS B2 Forage Crops

3 units

Description: Study of important forage crops of California and the nation; species, varieties, adaptations, production methods, feeding qualities, and processing.

Hours: 36 lecture, 54 lab

Transferable: CSU and private colleges.

CRPS B3 Integrated Pest Management

3 units

Recommended: BC placement into reading level 06 and writing level 06 or successful completion of ACDV B50 or ACDV B61 or equivalent and ENGL B50 or equivalent with a grade of C or better and BC placement into math level 03 or successful completion of MATH B60 or equivalent with a grade of C or better.

Description: Fundamental principles of pest control and management in commercial agriculture. Includes pest identification, pestilence diagnosis, and methods of chemical, physical, and biological control. Students who have previously successfully completed the course may repeat when needed for State mandated pest control license. Students must obtain a special override from the Office of Admissions and Records in the Administration building. Field trips required.

Hours: 36 lecture, 54 lab

Transferable: CSU and private colleges.

CRPS B4 Vegetable Production

3 units

Recommended: BC placement into reading level 06 and writing level 06.

Description: Principles and practices of vegetable crop production. Methods used in seeding, propagation and culture of vegetables and the application of the principles underlying vegetable production techniques.

Hours: 36 lecture, 54 lab

Transferable: CSU, UC, and private colleges

CRPS B5 Plant Science

3 units

Recommended: BC placement into reading level 06 and writing level 06.

Description: This course is designed to provide the students with a working knowledge of the fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and

management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Hours: 36 lecture, 54 lab

C-ID: AG-PS 104

Transferable: CSU, UC, and private colleges; IGETC 5B, 5C; CSU GE B.2, B.3; BC GE B.1

CRPS B16 Introduction to Viticulture

3 units

Description: An introduction to viticulture including grape growing, history, distribution, biology, anatomy, propagation, cultivated varieties, rootstocks, climate, vineyard practices, common diseases and pests.

Hours: 36 lecture, 54 lab

Transferable: CSU and private colleges.

CRPS B48WE Occupational Work Experience/Internship

1-8 units

Prerequisites: Declared major or occupational goal and evaluation of student's qualifications and objectives.

Description: College credit for crop science related learning experiences obtained on the job in accordance with a training plan developed cooperatively between the employer, college, and student. Occupational work experience credit may accrue at the rate of 1 to 8 units per semester for a total of sixteen units, and students must work 75 paid hours or 60 non-paid hours per unit. Repetition allowed per Title 5 55253.

Hours: Non-paid 60 hours for each 1 unit (60 - 480). Paid 75 hours for each 1 unit (75 - 600).

Transferable: CSU and private colleges.