This program emphasizes both plant protection and plant production. Within the plant protection field of study, the student is exposed to a broad range of pest management subjects including entomology, plant pathology, and weed control. Within the production area the student may emphasize fruit production, crop production, ornamental horticulture, or natural resource management.

Required Courses

AEPS 120 Principles of Horticulture and Crop Science (4) or BOT 121, General Botany (4)
AEPS 313 Agricultural Entomology (4)
AEPS 321 Weed Biology and Management (4)
AEPS/BOT 323, Plant Pathology (4)

Courses in Area of Emphasis

Students elect one emphasis area based on their major.

Emphasis I: For majors in Agricultural and Environmental Plant Sciences, Forestry and Natural Resources (Forestry Concentration), and Wine and Viticulture. Select 12 units.

- AEPS 327 Vertebrate Pest Management (4)
- AEPS 405 Advanced Weed Management (4)
- AEPS/WVIT 414 Grape Pest Management (4)
- AEPS 427 Disease and Pest Control Systems for Ornamental Crops (4)
- AEPS 431 Insect Pest Management (4)
- AEPS 441 Biological Control for Pest Management (4)

Emphasis II: For non-plant production majors. Select 8 units of specified agriculture production courses from the following (approval of minor advisor required):

- AEPS 123 Landscape Installation and Maintenance (4)
- AEPS 124 Plant Propagation (4)
- AEPS 132 Pomology I (4)
- AEPS 133 Pomology II (4)
- AEPS 150 Forage Crops (4)
- AEPS 175 Beekeeping (3)
- AEPS 190 California Vegetable Production (4)
- AEPS 202 Fruit Enterprise Project (2)
- AEPS 203 Organic Enterprise (2)
- AEPS 204 Vegetable Enterprise Project (2)
- AEPS 212 Environmental Horticulture Enterprise Project I (1-2)
- AEPS 230 Environmental Horticulture (4)
- AEPS 233 Plant Materials I (4)
- AEPS 234 Plant Materials II (4)
- AEPS 240 Commercial Seed Production (4)
- AEPS 244 Precision Farming (4)
- AEPS 245 Horticultural Production Techniques (3)
- AEPS 250 California Fruit Growing (4)
- AEPS 260 Introduction to Vegetable Science (4)
Select one course (4 units) from the following (approval of minor advisor required):

- AEPS 327 Vertebrate Pest Management (4)
- AEPS 406 Advanced Weed Management (4)
- AEPS 427 Disease and Pest Control Systems for Ornamental Plants (4)
- AEPS 431 Insect Pest Management (4)
- AEPS 441 Biological Control for Pest Management (4)
- WVIT/AEPS 414 Grape Pest Management (4)

Total Units for the Minor: .......................................................... 28

APPROVALS:

Student Signature

Date: ____________________________

Department Head or Minor Coordinator Signature

Date: ____________________________

Copies: PPSC Minor Coordinator, HCS Department, Graduation Clerk, Records, Major Advisor, Student

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