

BS CROP SCIENCE

2007-09 Cal Poly Catalog

Horticulture and Crop Science Department
Agricultural Sciences Bldg. (11), Room 244
(805) 756-2279/1237

- ☐ 60 units upper division ☐ GWR
 ☐ 2.0 GPA ☐ USCP

* = Satisfies General Education requirement

MAJOR COURSES

HCS 110 Orientation to Horticulture/Crop Science	2
HCS 120 Principles of Hort. & Crop Science	4
CRSC 132 California Field Crops	4
VGSC 190 California Vegetable Production	4
CRSC 202/CRSC 203/VGSC 202 Enterprise Proj	2
FRSC 230 California Fruit Growing	4
HCS 231 Commercial Seed Production	4
CRSC 244 Precision Farming	4
HCS 304 Plant Breeding	4
PPSC 311 Agricultural Entomology	4
PPSC 321 Weed Biology and Management	4
HCS 410 Crop Physiology <i>or</i> BIO 435 Plant Physiology	4
CRSC 411 Experimental Techniques and Analysis	4
HCS 461, 462 Senior Project I, II	2,2
HCS 463 Undergraduate Seminar	1
CRSC/FRSC/HCS/PPSC/VGSC 300-400 level electives	8

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SUPPORT COURSES

BIO 303 Survey of Genetics	4
BOT 121 General Botany (B2 & B4)*	4
BOT 323 Plant Pathology	4
BRAE 340 Irrigation Water Mgmt (Area F)*	4
CHEM 111 Survey of Chemistry (B3&B4)*	5
CHEM 312 Survey of Organic Chemistry	5
MATH 118 Pre-Calculus Algebra (B1)* (MATH 116 & 117 substitute)	4
STAT 218 Applied Statistics/Life Sciences (B1)*	4
SS 121 Introductory Soil Science	4
Advisor-approved electives	25

At least 12 units must be 300-400 level.

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GENERAL EDUCATION (GE)

72 units required; 20 units are in Support.

→See page 56 for complete GE course listing.

→Minimum of 12 units required at the 300-400 level.

Area A Communication (12 units)

A1 Expository Writing	4
A2 Oral Communication	4
A3 Reasoning, Argumentation, and Writing	4

Area B Science and Mathematics (no additional units req'd)

B1 Mathematics/Statistics * 8 units in Support	0
B2 Life Science * 4 units in Support	0
B3 Physical Science * 4 units in Support	0
B4 One lab taken with either a B2 or B3 course	

Area C Arts and Humanities (20 units)

C1 Literature	4
C2 Philosophy	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
Area C elective (Choose one course from C1-C4)	4

Area D/E Society and the Individual (20 units)

D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
D5 Upper-division elective	4

Area F Technology Elective (upper division)

* 4 units in Support	0
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ELECTIVES

4

180