



Last updated 06/16/11. The information in this guide is subject to change. For each major listed below, Cal Poly requires additional lower division courses that are not offered at SRJC. Please review the current Cal Poly catalog at <http://catalog.calpoly.edu> and consult with a counselor. The most recent articulation information is available at [www.assist.org](http://www.assist.org).

**IMPORTANT ADDITIONAL INFORMATION:** See Cal Poly's Transfer Selection Criteria by major located at [http://admissions.calpoly.edu/apply/transfer\\_sc](http://admissions.calpoly.edu/apply/transfer_sc). Students should complete lower division general education requirements.

**NOTE:** A statistics course does not fulfill the Pre-Calculus Algebra/Trig requirement for students applying to the majors listed below. Students who complete only one math course (statistics or otherwise) will not be as competitive as those who have two math courses.

**B.S. in AGRICULTURAL & ENVIRONMENTAL PLANT SCIENCES**

Concentrations in Crop Science, Fruit Science, Greenhouse and Nursery Plant Production, Plant Protection Science, Public Horticulture, Sustainable Landscape Management and Design, Turfgrass and Sports Field Management

**Major Courses:**

AGRI 60  
BIO 2.3 or BOTANY 10

**Support Courses:**

BAD 1  
CHEM 1A or 42  
MATH 15  
MATH 25 or 27

**Additional requirements for Concentrations:**

**Crop or Fruit Science:** VIT 51+52  
**Greenhouse & Nursery Plant Production:** HORT 8+12  
**Plant Protection Science:** BIO 2.3; MICRO 5; VIT 51+52  
**Public Horticulture:** HORT 8+12, 80; FLORS 83A+83B  
**Sustainable Landscape Management & Design:** HORT 8+12, 80  
**Turfgrass & Sports Field Mgmt:** HORT 8+12

**B.S. in AGRICULTURAL BUSINESS**

**Major Courses:**

AGBUS 7  
AGBUS/WINE 56  
AGBUS/WINE 62

**Support Courses:**

BAD 18  
CHEM 1A or 42  
ECON 1A  
MATH 8A or 16  
MATH 15  
Any CSU GE Life Science with Lab

**Ag Science & Technology Electives:**

Select one course from each area  
**Animal:** ANSCI 20 or 61  
**Agronomic:** AGRI 60  
**Other science:** FDNT 10

**B.S. in AGRICULTURAL SCIENCE**

Concentrations in Agricultural Engineering Technology, Agricultural Supplies and Services, Animal Science, Crop and Soil Science, Forestry and Natural Resources, Ornamental Horticulture

**Major Courses:**

AGRI 50  
AGRI 60  
AGBUS/WINE 62  
AGMEC 60  
ANSCI 20

**Support Courses:**

CHEM 1A or 42  
MATH 27 or 25

**Additional requirements for Concentrations:**

**Ag Engineering Tech:** APTECH 45 or ENGR 25; SURV 50  
*Elective:* ENGR 25  
**Agricultural Supplies and Services:** AGBUS 7  
**Animal Science:** ANSCI 27, 28, 61  
**Forestry and Natural Resources:** NRM 51, 84  
**Ornamental Horticulture:** HORT 80

**B.S. in AGRICULTURAL SYSTEMS MANAGEMENT**

**Major Courses:**

AGMEC 60  
APTECH 45 or ENGR 25  
ENGR 25  
SURV 50

**Support Courses:**

AGBUS 7  
AGRI 60  
BAD 1  
CHEM 1A or 42  
CS 5 or 10 or 19.11AorB  
MATH 27 or 25 & 58  
PHYS 20/20L

**Animal or Plant Production:**

Any course articulated to this prefix and not required for the major or support

### **B.S. in ANIMAL SCIENCE**

**Major Courses:**

ANSCI 20  
ANSCI 61  
ANSCI 27 or 28  
EQSCI 25

**Support Courses:**

BIO 10  
CHEM 1A or 42 or 4A  
CHEM 8 or 12A  
MATH 15  
MATH 27 or 25 or 1A or 8A

**Approved Electives:**

27 – 34 quarter units from a career elective area:  
Pre-Vet Medicine, Biotechnology, Food Animal Production,  
Comparative Animal Biology, Equine Science, Poultry Mgmt,  
Rangeland Resource Mgmt, Meat Science, or Agribusiness.

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### **B.S. in DAIRY SCIENCE**

**Major Courses:**

ANSCI 29  
ANSCI 61

**Support Courses:**

CHEM 1A or 42 or 4A  
CHEM 8 or BIO 10  
MATH 27 or 25  
MICRO 5

**Approved Electives:**

*Up to 23 lower division quarter units*

AGBUS 7  
AGMEC 60  
AGRI 50  
ANSCI 20, 26, 27  
BAD 1  
CHEM 1B or 4B  
JOUR 2  
PHYS 20/20L

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### **B.S. in SOIL SCIENCE**

Concentrations in Environmental Management, Environmental Science and Technology, Land Resources

**Major Courses:**

AGRI 60

**Support Courses:**

BIO 2.3 or BOTANY 10  
CHEM 1A,1B or 4A,4B  
GEOL 1  
MATH 15  
# MATH 27 or 25 & 58 or 1A & 1B  
# PHYS 20/20L or 40

**Concentrations:**

**Environmental Management or Land Resources:**  
Add CHEM 8

**Environmental Science and Technology:**  
Add CHEM 5; CHEM 12A, 12B  
# Take MATH 1A & 1B and PHYS 40

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### **B.S. in WINE & VITICULTURE**

Concentrations in Enology, Viticulture, Wine Business

**Major Courses:**

AGRI 60  
CHEM 1A or 42  
VIT/WINE 1  
VIT 51+52

**Concentrations:**

**Enology:** Add CHEM 8; MATH 15; MATH 27 or 25 or 8A or 1A; MICRO 5

**Viticulture:** Add AGBUS 7; BIO 2.3 or BOTANY 10; CHEM 8; MATH 15;  
MATH 27 or 25 or 8A or 1A; MICRO 5

**Wine Business:** Add AGBUS 7; AGBUS/WINE 62; BIO 10; ECON 1A; MATH 15;  
MATH 27 or 25 or 8A or 16