

NOTE: This document can be used as a compact display of courses and other curricular requirements. The Degree Progress Report must be used to track students' progress in all degree requirements, throughout their Cal Poly career.

**=Required in support; also satisfies GE.
Note: No major or support courses may be taken as credit/no credit.*

MAJOR COURSES (96)	<i>Units</i>
ASCI 101 Intro to the Animal Sciences	2
ASCI 112 Principles of Animal Science	4
ASCI 211 Meat Science	4
ASCI 220 Intro Animal Nutrition & Feeding	4
ASCI 229 Anatomy/Phys of Farm Animals	4
ASCI 290/490 Enterprise	4
ASCI 304 Animal Genomics	3
ASCI 320/CHEM 313/CHEM 371	4/5
ASCI 351 Reproductive Physiology	4
ASCI 477/478/479 Senior Project	3
ASCI 363 Undergraduate Seminar	2
<i>Production courses: (select one from each of the three categories)</i>	
<u>Ruminants:</u> ASCI 221 or ASCI 223	12
<u>Nonruminants:</u> ASCI 222 or ASCI 225	
<u>Companion Animals:</u> ASCI 224 or ASCI 227	
<i>Nutrition (select one)</i>	
ASCI 346, 350, 355, 420; DSCI 301	3/4
<i>Physiology (select one)</i>	
ASCI 333, 347, 366, 405, 406; 438; 440; DSCI 330	3-5
<i>Technology/Management (select two)</i>	
AG 360/AG 450; ASCI 311, 312, 325, 329, 330, 342, 384, 403, 406, 415, 440, 450, 455	6-9
Approved Electives	27-34
<i>Select courses from a career elective area(CEA); see reverse for list. (maximum 6 units of CR/NC courses)</i>	

SUPPORT COURSES (25-27)	
BIO 111 or BIO 161 (B2 & B4)*	4
BIO 302/BIO 303/BIO 351	4/5
CHEM 111/127 Survey of Chem (B3&B4)*	5/4
CHEM 312 or CHEM 316(trans equiv CHEM 212, 216)	5
MATH 118 (MATH 116 & 117 sub) or MATH 161 (B1)*	4
STAT 218 Applied Statistics/Life Sciences (B1)*	4
GENERAL EDUCATION (GE)	56
72 units required, <i>16 of which are listed in Support.</i>	
→Minimum of 12 units required at the 300 level.	
Area A Communication	12
A1 ENGL 133/134	4
A2 COMS 101/102	4
A3 Reasoning, Argument, & Writing	4
Area B Science and Mathematics	
<i>*16 units are listed in Support</i>	
Area C Arts and Humanities	20
C1 Literature	4
C2 Philosophy: PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
C1-C4 Elective	4
Area D/E Society and the Individual	20
D1 American Experience (40404)	4
D2 Political Economy	4
D3 Comp Social Institutions	4
D4 Self Develop (CSU Area E)	4
D5 Upper-division elective	4
Area F Technology (upper div)	4
Additional GE Units Required	
FREE ELECTIVES	1-3

- OTHER DEGREE REQUIREMENTS:**
- Cal Poly, Higher Ed, and Major GPA must all be at least 2.00
- All students must complete:**
- United States Cultural Pluralism Requirement
 - Graduation Writing Requirement
 - 60 units Upper Division (any 300-400 level classes)
 - Upper Division units in the Major: 27
 - Residency Requirements: See Degree Progress Report for details

Approved Electives Guide

Approved electives have been categorized by career area to guide students in their selections. Advisor approval of electives is not required, but consultation with an advisor is recommended. Bear in mind that selection may impact pursuit of post-baccalaureate studies and/or goals.

Approved Career Elective Areas 27-34
Select Career Elective Area (CEA) of choice:

Pre-Veterinary Medicine Career Elective Area

a) Core (26 units):

BIO 162;
CHEM 128, 129, 317;
PHYS 121, 122;

b) Select 1-8 units from:

ASCI 290/490^{††}, 315[†], 320[†], 333[†], 339^{††},
347[†], 366[†], 405[†], 420[†], 438[†], 440[†];
BIO 161[†], 303[†], 351[†];
CHEM 318, 371[†], 372;
DSCI 330[†];
MATH/HNRS 141/MATH 161[†] (B1);
MATH/HNRS 142/MATH 162 (B1);
MCRO 221;
PHYS 123

Biotechnology Career Elective Area

ASCI 290/490^{††}, 339^{††}, 366[†], 403[†], 405[†],
406[†], 440[†];
BIO 161[†], 162, 351[†],
BIO/CHEM 375, 476;
CHEM 128, 129, 316[†], 317, 373, 377,
474, 477, 478;
MCRO 221, 224, 225;
SCM 201

Food Animal Production Career Elective Area

AG 360[†] (GE Area F);
AGB 321, 322, 401 (USCP);
ASCI 221[†], 222[†], 223[†], 225[†], 226,
290/490^{††}, 311[†], 312[†], 329[†], 339^{††}, 450[†];
BIO 427;
CRSC 123;
DSCI 230;
NR 142; NR/LA 318;
SPAN 101;
SS 121

Comparative Animal Biology Studies Career Elective Area

ASCI 203, 290/490^{††}, 321, 339^{††};
BIO 113, 162, 227, 263, 325, 327;
PSY 458;
ZOO 321, 323, 341, 425, 437

Equine Science Career Elective Area

ASCI 214, 224[†], 228, 265, 290/490^{††}, 315[†],
324, 329[†], 333[†], 339^{††}, 344, 345, 346[†],
347[†], 455[†]

Poultry Management Career Elective Area

a) Core (23 units):

ASCI 225[†], 325[†], 330[†], 342, 350[†], 415[†];

b) Select 4-11 units from:

AGB 310, 409;
ASCI 290/490^{††}, 339^{††}, 440[†];
BUS 207, 212, 346;
ENGL 310;
FSN 270, 275, 334, 335

Rangeland Resource Management Career Elective Area

AG 360[†] (GE Area F);
ASCI 290/490^{††}, 311[†], 329[†];
BIO 263, 435;
NR 306, 320, 335, 418;
NR/CRP 404; NR/LA 318;
SS 121, 321

Meat Science Career Elective Area

ASCI 216, 290/490^{††}, 339^{††}, 384[†], 415[†],
425, 480;
FSN 125, 270, 275;
MCRO 221, 421

Agribusiness Career Elective Area

a) Core (28 units):

AGB 212, 301, 310, 312, 322, 401 (USCP);
AGB 214/AGB 321/BUS 212

b) Select 0-6 units from:

AGB 313, 315;
ASCI 290/490^{††}, 311[†], 329[†], 384[†], 415[†]

[†] If any of these courses is taken to meet a major/support requirement, it cannot be double-counted as an approved elective.

^{††} A maximum of 6 units of CR/NC courses may be counted toward the degree.