

BS ANIMAL SCIENCE

2007-09 Cal Poly Catalog

Animal Science Department

Agriculture Bldg. (10), Room 141

(805) 756-2419

60 units upper division GWR

2.0 GPA USCP

* = Satisfies General Education requirement

MAJOR COURSES

ASCI 101 Introduction to the Animal Sciences	2
ASCI 112 Principles of Animal Science	4
ASCI 211 Meat Science	4
ASCI 220 Intro. Animal Nutrition and Feeding	4
ASCI 304 Animal Breeding	3
ASCI 320/CHEM 313/CHEM 371	4-5
ASCI 351 Reproductive Physiology	4
ASCI 461 Senior Project.....	1
ASCI 462 Senior Project.....	2
ASCI 463 Undergraduate Seminar.....	2
ASCI 476 Issues in Animal Agriculture.....	3
VS/ASCI 229 Anatomy and Physiology of Farm Animals.....	4
<i>Production courses (select one from each of the three categories):</i>	12
<u>Ruminants</u> : ASCI 221 Intro. Beef Prod. (4) or ASCI 223 Syst. Sheep Prod. (4)	
<u>Nonruminants</u> : PM/ASCI 225 Intro. Poultry Mgmt (4) or ASCI 222 Syst. Swine Prod. (4)	
<u>Companion Animals</u> : ASCI 224 Equine Science (4) or ASCI 227 Companion Animal Sci. (4)	
<i>Nutrition (select one)</i>	3-4
ASCI 350, 355, 346, 420; DSCI 301	
<i>Physiology (select one)</i>	3-5
ASCI 333, 347, 405, 406; DSCI 330; VS/ASCI 438, VS/ASCI 440	
<i>Technology/Management (select two)</i>	6-9
AG 360/AG 450; ASCI 311, 329, 384, 403, 415, 450; PM/ASCI 325, PM/ASCI 330; VS/ASCI 312	
Advisor approved electives	28-35
(maximum 6 units of CR/NC courses can be counted here)	

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SUPPORT COURSES

BIO 111 General Biology or BIO 161 Intro to Cellular and Molecular Biology (B2 & B4)*	4
BIO 302/BIO 303/BIO 351	4/5
CHEM 111/127 Survey of Chemistry (B3&B4)*	5/4
CHEM 312 Survey of Organic Chemistry or CHEM 316 Organic Chemistry (<i>transfer equivalents CHEM 212, 216</i>)	5
¹ MATH 118 Pre-Calculus Algebra or MATH 161 Calculus for the Life Sciences I (B1)*	4

21-23

GENERAL EDUCATION (GE)

72 units required; 12 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 (4 units)

B1 Mathematics/Statistics * 4 units in Support	4
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)	4
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60

ELECTIVES

1-3

180