

BS DAIRY SCIENCE

2019-2020

updated
04.02.19

Units Required **180**

NOTE: This document can be used as a compact display of courses and other curricular requirements at the time of publication of the 2019-2020 catalog. The Degree Progress Report must be used to track students' progress in all degree requirements, throughout their Cal Poly career.

Note: No major or support courses may be selected as credit/no credit.

MAJOR COURSES (61)	Units
ASCI 101 Intro to Animal Sciences	2
ASCI 220 or ASCI 211	4
ASCI 340 Animal Welfare and Ethics	4
ASCI 363 Undergrad Seminar	2
DSCI 102 or ASCI 339	2
DSCI 202 Dairy Promo and Marketing	4
DSCI 230 General Dairy Husbandry	4
DSCI 231 General Dairy Manufacturing	4
DSCI 233 Milk Processing & Inspection	4
DSCI 241 or FSN 275	4
DSCI 301 or DSCI 401	4
DSCI 321 or DSCI 444 or MCRO 421	4
DSCI 330 or DSCI 434	4
DSCI 333 or DSCI 402	4
DSCI 422 or DSCI 435	4
DSCI 432 or DSCI 433	4
DSCI 461 or ASCI 479 Senior Project	3

SUPPORT COURSES (58)

BIO 111 or BIO 161(B2 & B4) ^{1,2}	4
CHEM 127 General Chem. For Ag. & Life Sci. (B3 & B4) ¹	4
MATH 118 Precalculus Algebra (B1) ^{1,3}	4
MCRO 221 Microbiology	4
STAT 218 Applied Stat for Life Sci (B1) ¹	4
Approved electives (see reverse)	
At least 15 units must be 300-400 level ^{4,5}	38

¹ Required in Support; also satisfies GE
² Students focusing on Dairy Foods should take BIO 161.
³ MATH 116 and MATH 117 substitute
⁴ Courses used to meet Major requirements may not double count as approved electives
⁵ Consultation with advisor is recommended prior to selecting approved electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

GENERAL EDUCATION (GE)	56
72 units required, 16 of which are specified in Major/Support	
Minimum of 12 units required at the 300 level.	
Area A Communication	12
A1 Expository Writing	4
A2 Oral Communication	4
A3 Reasoning, Argumentation & Writing	4
Area B Math, Science, and Quantitative Reasoning	4
B1 Math/Statistics (8 units in Support) ¹	
B2 Life Science (4 units in Support) ¹	
B3 Physical Science (4 units in Support) ¹	
B4 One lab taken with either a B2 or B3 course	
B7 Upper-division elective	4
(formerly Area F)	
Area C Arts and Humanities	20
C1 Literature	4
C2 Philosophy	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
C1- C5 Elective	4
Area D Society and the Individual	16
D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D5 Upper-division elective	4
Area E Lifelong Learning and Self-Development	4
(formerly Area D4)	

FREE ELECTIVES 5

- OTHER DEGREE REQUIREMENTS:**
- Cal Poly, Higher Ed, and Major GPA must all be at least 2.00
 - For students admitted Fall 2016 and after, a grade of C- or higher is required in GE A1, A2, A3, and one GE B1 course
- 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 electives⁵

Select 38 units from the following. At least 15 units must be 300-400 level. Consult with academic advisor regarding career tracks:

AEPS 150, 230;

AGB 212, 214, 301, 310, 369;

AGED 102, 404;

ASCI 112, 221, 226, 229, 290, 304, 310, 311, 312,

351, 366, 405, 406, 407, 410, 420, 438, 440, 490;

BIO 162, 303;

BRAE 121, 141;

BUS 212;

CHEM 128, 129, 216, 217, 312, 313, 371;

COMS 301;

Any DSCI course not already used to fulfill a major requirement;

FSN 125, 230, 275, 311, 330, 335, 370;

JOUR 203, 205;

MCRO 342, 421;

NR 141;

PHYS 121, 122;

STAT 313;

Any courses used in the following minors:

Agribusiness

Agricultural Communication

Crop Science

Environmental Soil Science

Equine Science

Food Science

Poultry Management