

California State University, Fresno
 Department of Animal Sciences and Agricultural Education
 Program Planning Guide

B.S. Degree in Animal Science - Production Management Option
 Dairy Science Management
 2019/20 to current Catalog Years
 Revised: June 2019

Fall Semester

Spring Semester

<u>Course</u>	<u>Units</u>	<u>Course</u>	<u>Units</u>
<u>Freshman Year</u>			
___ GE – A2 - Engl 5A & 5B or 10	3	___ GE – A3 - Critical Thinking - N Sci 4**	3
___ GE – B4 – Quant. Reas. – Math 11**	3	___ GE – D1 - History 11 or 12	3
___ GE – A1- Comm 3, 7 or 8	3	___ GE – C1 - Arts	3
___ A Sci 1 (grade of C or better)	3	___ GE – E1 - A Sci 67**	3
___ A Sci 12, 21, 31, 41, 51 or 91	<u>3</u>	___ A Sci 61	<u>3</u>
	15		15

Note:
 Complete your My Degree Plan

Note:
 Complete all Foundation GE courses
 (A1, A2, A3 & B4) with a grade of C or better
 Complete A Sci 1 with a grade of C or better
 Complete 2nd semester freshman advising requirement

Sophomore Year

___ A Sci 35	3	___ A Sci 71	3
___ GE – D2 - Pol Sci 2	3	___ GE – B1 - Chem 3A*	4
___ GE – B2 - Biol 10* or 12*	3	___ GE – Additional C1** or C2	3
___ GE – C2 - Humanities	3	___ GE – D3 - Ag Bs 1* or Econ 40*	3
___ Option Additional Requirement***	<u>3</u>	___ Option Additional Requirement***	<u>3</u>
	15		16

Note:
 Start developing professional resume
 Attend career fairs and seek internship/industry
 experience opportunities

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Fall Semester**Spring Semester**

<u>Course</u>	<u>Units</u>	<u>Course</u>	<u>Units</u>
<u>Junior Year</u>			
___ A Sci 125	3	___ Upper Division Writing Exam (UDWE)	
___ A Sci 161	3	___ GE – IC	3
___ Biol 20	4	___ A Sci 101	3
___ A Sci 135	3	___ A Sci 145	4
___ GE – IB - Plant 105**	<u>3</u>	___ A Sci 146 or 163	3
	16	___ A Sci 164	<u>2</u>
			15

Note:

Complete your My Degree Plan (transfer students only)
Attend career fairs and seek internship/industry
experience opportunities

Note:

Complete GE ePortfolio and mandatory advising
requirements
Attend career fairs and seek internship/industry
experience opportunities
Fulfill upper division writing requirement

Senior Year

___ If UDWE not passed consider Anth 105W (MI grad. req.) or Anth 116W (GE-ID)	3	___ GE – ID or MI graduation requirement	3
___ Option Additional Requirement***	3	___ A Sci 146 or 163	3
___ A Sci 155	3	___ A Sci 156	1
___ A Sci 175	3	___ A Sci 165	3
___ A Sci 102, 180, 181, 182, 183, 190, or 194I	<u>3</u>	___ A Sci 186	1
	15	___ Electives	<u>2</u>
			13

Note:

Verify all graduation requirements will be met
by end of spring semester

Note:

Apply for graduation (See university calendar
for due date)

* Major Requirement

** Recommended Course

*** Option Additional Requirements - 9 units from the following list - Ag Bs 28 or BA 18, Ag Bs 31 or Acct 4A,
Ag. Bs 71 or Plant 99, Ag Bs 117, Ag Bs 120, Chem 8, Chem 150, Cr Sc 1, Cr Sc 102, Cr Sc 105, SW 2,
SW 100 or SW 100N