

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

B.S. Degree in Animal Science - Production Management Option  
 Livestock & Poultry Management  
 2021/22 to current Catalog Years  
 Revised: August 2022

**Fall Semester**

**Spring Semester**

<b><u>Course</u></b>	<b><u>Units</u></b>	<b><u>Course</u></b>	<b><u>Units</u></b>
<b><u>Freshman Year</u></b>			
___GE – A2 - English 5A & 5B or 10	3	___GE – A1 - Comm 3, 7 or 8	3
___GE – B4 – Quant. Reas.- Math 11**	3	___GE – D1 - History 11 or 12	3
___GE – A3 - Critical Thinking - N Sci 4**	3	___GE – C1 - Arts	3
___GE – E1 - A Sci 67**	3	___GE – F – Ethnic Studies	3
___A Sci 1 (grade of C or better)	<u>3</u>	___A Sci 12, 21, 31, 41, 51, 61 or 91	<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 2<sup>nd</sup> semester freshman advising requirement

**Sophomore Year**

___GE – D2 - Ag Ec 1* or Econ 40*	3	___GE – B1 - Chem 3A*	4
___GE – C2 - Humanities	3	___GE – Additional C1** or C2	3
___GE – B2 - Biol 10* or 12*	3	___A Sci 71	3
___A Sci 11	3	___A Sci 81	3
___A Sci 12, 21, 31, 41, 51, 61 or 91	<u>3</u>	___A Sci 35	<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**

**Course**

**Units**

**Course**

**Units**

**Junior Year**

___PLSI 2 Graduation Requirement	3
___Biol 20	4
___Option Additional Requirement***	3
___A Sci 125	3
___Option Additional Requirement***	<u>3</u>
	16

___GE – IC	3
___A Sci 101 or Ascii 102	3
___A Sci 135	3
___A Sci 145	4
___A Sci 121, 131, 151, 161, 171, 172, 175 or 191	<u>3</u>
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**Note:**

Complete GE ePortfolio and mandatory advising Requirements  
Attend career fairs and seek internship/industry experience opportunities

**Note:**

Attend career fairs and seek internship/industry experience opportunities  
Fulfill upper division writing requirement

**Senior Year**

___If UDWE not passed consider Anth 116W (GE – ID)	3
___A Sci 155	3
___A Sci 165	3
___A Sci 180, 181, 182, 183, 190 or 194I	5
___Option Additional Requirement***	<u>3</u>
	17

___GE – IB – Plant 105**	3
___A Sci 121, 131, 151, 161, 171, 172, 175 or 191	3
___A Sci 156	1
___A Sci 186	1
___Electives	<u>2</u>
	10

**Note:**

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

**Note:**

Apply for graduation (See university calendar for due date)  
Complete UD GE portfolio assignments + reflection

\* 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, Plant 20, 121, 122, 71, 172 or 171, Agri 100H Agri 101H, 110, 120, 130, 140

\*\*\*\*Waived for graduation MI Grad Requirement