

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 - Major Code 130392BS
 2014-2015 Catalog Years
 Revised: June 2015

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 - DS 71 or Math 45, 75 or 75A | 3 | ___ GE – D1 - History 11 or 12 | 3 |
| ___ GE – A1- Comm 3, 7 or 8 | 3 | ___ GE – C1 - Arts | 3 |
| ___ A Sci 1 | 3 | ___ GE – E1 - A Sci 67** | 3 |
| ___ A Sci 21, 31, 41, 51 or 91 | <u>3</u> | ___ A Sci 61 | <u>3</u> |
| | 15 | | 15 |

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 – D1 - Ag Bs 1* | 3 |
| ___ Option Additional Requirement*** | <u>3</u> | ___ Option Additional Requirement*** | <u>3</u> |
| | 15 | | 16 |

Junior Year

| | | | |
|---------------------------|----------|--|----------|
| ___ A Sci 125 | 3 | ___ Upper Division Writing Exam (UDWE) | |
| ___ A Sci 161 or 162 | 3 | ___ GE – IC | 3 |
| ___ Biol 20 or 120 | 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 |

Senior Year

| | | | |
|--|----------|----------------------|----------|
| ___ If UDWE not passed take Anth 105W (GE-MI) or Anth 116W (GE-ID) | 3 | ___ GE – MI or ID | 3 |
| ___ Option Additional Requirement*** | 3 | ___ A Sci 146 or 163 | 3 |
| ___ A Sci 155 | 3 | ___ A Sci 156 | 1 |
| ___ A Sci 161 or 162 | 3 | ___ A Sci 165 | 3 |
| ___ A Sci 180, 181, 182, 190, or 194 | <u>3</u> | ___ A Sci 186 | 1 |
| | 15 | ___ Electives | <u>2</u> |
| | | | 13 |

* 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