

# Food Animal Production & Management

# 4-Year Plan

## Year 1

| Semester 1-Fall   |           | Semester 2-Spring                      |           |
|---|-----------|--|-----------|
| AGRI 103<br>Introduction to Agricultural and Natural Resource Systems | 3<br>cr   | AECN 141 or ECON 211 or ECON 212       | 3<br>cr   |
| ASCI 100<br>Fundamentals of Animal Biology and Industry               | 4<br>cr   | STAT 218<br>Introduction to Statistics | 3<br>cr   |
| ASCI 95<br>Orientation Seminar  | 0<br>cr   | ACE 1                                  | 3<br>cr   |
| BIOS 101/101L or LIFE 120/120L or LIFE 121/121L                       | 4<br>cr   | ACE 5, 7, or 8                         | 3<br>cr   |
| MATH 102<br>Trigonometry  | 2<br>cr   | ASCI 210<br>Animal Products            | 3<br>cr   |
| ACE 5, 7, or 8  | 3<br>cr   | <b>TOTAL CREDITS</b>                   | <b>15</b> |
| <b>TOTAL CREDITS</b>  | <b>16</b> |  |           |

## Year 2

| Semester 3-Fall                          |           | Semester 4-Spring                                      |           |
|--|-----------|--|-----------|
| AGRO 315 or BIOS 206                     | 4<br>cr   | ASCI 240<br>Anatomy and Physiology of Domestic Animals | 4<br>cr   |
| ASCI 200<br>Animal and Cacass Evaluation | 3<br>cr   | CHEM 106 or CHEM 110                                   | 4<br>cr   |
| CHEM 105 or CHEM 109                     | 4<br>cr   | ACE 2  | 3<br>cr   |
| AECN 201<br>Farm and Ranch Management    | 4<br>cr   | ACE 5, 7, or 8   | 3<br>cr   |
| <b>TOTAL CREDITS</b>                     | <b>15</b> | ASCI 201   | 1<br>cr   |
|  |           | <b>TOTAL CREDITS</b>                                   | <b>15</b> |

## Year 3

| Semester 5-Fall                                       |           | Semester 6-Spring   |           |
|---|-----------|---|-----------|
| ASCI 341<br>Physiology and Management of Reproduction | 4<br>cr   | ASCI 320<br>Animal Nutrition and Feeding                    | 3<br>cr   |
| ASCI 330<br>Animal Breeding                           | 4<br>cr   | VBMS 303<br>Principles and Prevention of Livestock Diseases | 3<br>cr   |
| CHEM 251/253 or Free Elective                         | 4<br>cr   | Experiential Learning                                       | 2<br>cr   |
| Experiential Learning                                 | 2<br>cr   | Communication Elective                                      | 3<br>cr   |
| <b>TOTAL CREDITS</b>                                  | <b>14</b> | Free Elective   | 3<br>cr   |
|   |           | <b>TOTAL CREDITS</b>  | <b>14</b> |

## Year 4

| Semester 7-Fall  |           | Semester 8-Spring                   |           |
|--|-----------|-------------------------------------|-----------|
| MSYM 109<br>Physical Principles in Agriculture and Life Sciences | 4<br>cr   | ASCI 491<br>Animal Science Seminar  | 1<br>cr   |
| AECN 325   | 3<br>cr   | AECN 256, 265, 345, or 357          | 3<br>cr   |
| ASCI 457<br>Beef Feedlot Management                              | 2<br>cr   | ASCI 455<br>Cow-Calf Management     | 2<br>cr   |
| ASCI/AGRO/MSYM 300 or 400  | 3<br>cr   | ASCI 485<br>Animal Systems Analysis | 3<br>cr   |
| ACE 5, 7, 8, or 9  | 3<br>cr   | ASCI/AGRO/MSYM 300 or 400           | 3<br>cr   |
| <b>TOTAL CREDITS</b>   | <b>15</b> | Free Elective                       | 4<br>cr   |
|  |           | <b>TOTAL CREDITS</b>                | <b>16</b> |