

# MAJOR IN LIVESTOCK BUSINESS MANAGEMENT

## Major Completion Map

### Freshman

| Semester 1           |  | Critical | Recommended | AUCC | Credits   |
|----------------------|--|----------|-------------|------|-----------|
| ANeq 101             | Food Animal Science                            | X        |             |      | 4         |
| AREC 192             | Orientation to Agricultural and Resource Econ  | X        |             |      | 1         |
| AREC 202             | Agricultural and Resource Economics (GT-SS1)   | X        |             | 3C   | 3         |
| LIFE 102             | Attributes of Living Systems (GT-SC1)          | X        |             | 3A   | 4         |
| MATH 117             | College Algebra in Context I (GT-MA1)          | X        |             | 1B   | 1         |
| MATH 118             | College Algebra in Context II (GT-MA1)         | X        |             | 1B   | 1         |
| MATH 124             | Logarithmic and Exponential Functions (GT-MA1) | X        |             | 1B   | 1         |
| <b>Total Credits</b> |  |          |             |      | <b>15</b> |

| Semester 2   |   | Critical | Recommended | AUCC | Credits      |
|--|---|----------|-------------|------|--------------|
| ANeq 105   | Introduction to Large Animal Anatomy          | X        |             |      | 1            |
| Select one course from the following:  |   |          |             |      | 3-4          |
| BUS 150  | Business Computing Concepts and Applications  |          |             |      |              |
| CS 110   | Personal Computing                            |          |             |      |              |
| Select one course from the following:  |   |          |             |      | 4            |
| CHEM 107   | Fundamentals of Chemistry (GT-SC2)            | X        |             | 3A   |              |
| CHEM 111   | General Chemistry I (GT-SC2)                  |          |             | 3A   |              |
| CO 150   | College Composition (GT-CO2)                  | X        |             | 1A   | 3            |
| LBM 133  | Introduction to Livestock Business Management | X        |             |      | 1            |
| Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> ) |   |          |             | 1C   | 3            |
| <b>Total Credits</b>   |   |          |             |      | <b>15-16</b> |

### Sophomore

| Semester 3  |                                      | Critical | Recommended | AUCC | Credits   |
|---|--------------------------------------|----------|-------------|------|-----------|
| ANeq 305  | Functional Large Animal Physiology   | X        |             |      | 3         |
| AREC 310  | Agricultural Marketing               | X        |             |      | 3         |
| LBM 233   | Leadership in the Livestock Industry | X        |             |      | 2         |
| Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )                     |                                      |          | X           | 3B   | 3         |
| Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> ) |                                      |          | X           | 3D   | 3         |
| <b>Total Credits</b>  |                                      |          |             |      | <b>14</b> |

| Semester 4  |   | Critical | Recommended | AUCC | Credits   |
|---|---|----------|-------------|------|-----------|
| ACT 205   | Fundamentals of Accounting                  | X        |             |      | 3         |
| ANeq 328  | Foundations in Animal Genetics              | X        |             |      | 3         |
| SPCM 200  | Public Speaking                             | X        |             |      | 3         |
| Select one course from the following:   |   |          |             |      | 3         |
| STAT 201  | General Statistics (GT-MA1)                 |          |             | 1B   |           |
| STAT 301  | Introduction to Applied Statistical Methods |          |             |      |           |
| Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> ) |   |          | X           | 3B   | 3         |
| ANeq 305 must be completed by the end of Semester 4.  |   | X        |             |      |           |
| <b>Total Credits</b>  |   |          |             |      | <b>15</b> |

**Junior**

| <b>Semester 5</b>  |   | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
|--|---|-----------------|--------------------|-------------|----------------|
| ANEQ 320   | Principles of Animal Nutrition                | X               |                    | 4B          | 3              |
| AREC 305   | Agricultural and Resource Enterprise Analysis | X               |                    |             | 3              |
| Animal Science Choice Block (See List in Program Requirements)   |   |                 | X                  |             | 3              |
| Ag Business Choice Block (See List in Program Requirements)  |   |                 | X                  |             | 3              |
| Advanced Writing ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing</a> ) |   |                 | X                  | 2           | 3              |
| <b>Total Credits</b>   |   |                 |                    |             | <b>15</b>      |

| <b>Semester 6</b>  |   | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
|--|---|-----------------|--------------------|-------------|----------------|
| LBM 333A   | Livestock Business Engaged Research: Proposal Development | X               |                    |             | 1              |
| LBM 333B   | Livestock Business Engaged Research: Field Experience     | X               |                    |             | 1              |
| Animal Science Choice Block (See List in Program Requirements)   |   |                 | X                  |             | 6              |
| Ag Business Choice Block (See List in Program Requirements)  |   |                 |                    |             | 3              |
| Elective   |   |                 | X                  |             | 3              |
| AREC 305, AREC 310, ANEQ 310, ANEQ 320, ANEQ 328, SPCM 200, STAT 201 or STAT 301, and Advanced Writing must be completed by the end of Semester 6. |   | X               |                    |             |                |
| <b>Total Credits</b>   |   |                 |                    |             | <b>14</b>      |

**Senior**

| <b>Semester 7</b>   |   | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
|---|---|-----------------|--------------------|-------------|----------------|
| LBM 333C  | Livestock Business Engaged Research: Communications | X               |                    |             | 1              |
| Select two Analytic Courses from the following:                 |   | X               |                    |             | 6              |
| AREC 405  | Agricultural Production Management                  |                 |                    |             |                |
| AREC 408  | Agricultural Finance                                |                 |                    |             |                |
| AREC 412  | Agricultural Commodities Marketing                  |                 |                    |             |                |
| Animal Science Choice Block (See List in Program Requirements): |   |                 | X                  |             | 3              |
| Production Systems Choices (See List in Program Requirements):  |   |                 | X                  |             | 6-7            |
| <b>Total Credits</b>  |   |                 |                    |             | <b>16-17</b>   |

| <b>Semester 8</b>  |   | <b>Critical</b> | <b>Recommended</b> | <b>AUCC</b> | <b>Credits</b> |
|--|---|-----------------|--------------------|-------------|----------------|
| AREC 428   | Agricultural Business Management            | X               |                    | 4A,4C       | 3              |
| AREC 492   | Senior Seminar in Ag and Resource Economics |                 |                    |             | 1              |
| LBM 433  | Integrated Livestock Business Mgt Workshop  | X               |                    | 4A,4C       | 1              |
| Ag Business Choice Block (See List in Program Requirements)  |   |                 | X                  |             | 3              |
| Other Livestock-focused Elective (See List in Program Requirements):                                 |   |                 | X                  |             | 3              |
| Other Business-focused Elective (See List in Program Requirements):                                  |   |                 | X                  |             | 3              |
| Electives  |   |                 | X                  |             | 0-2            |
| The benchmark courses for the 8th semester are the remaining courses in the entire program of study. |   | X               |                    |             |                |
| <b>Total Credits</b>   |   |                 |                    |             | <b>14-16</b>   |
| <b>Program Total Credits:</b>  |   |                 |                    |             | <b>120</b>     |