

MAJOR IN LIVESTOCK BUSINESS MANAGEMENT, ANIMAL SCIENCES CONCENTRATION

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 |
| Total Credits | | | | | 15 |

| Semester 2 | | Critical | Recommended | AUCC | Credits |
|--|---|----------|-------------|------|--------------|
| ANEQ 105 | Introduction to Large Animal Anatomy | X | | | 1 |
| CO 150 | College Composition (GT-CO2) | X | | 1A | 3 |
| LBM 133 | Introduction to Livestock Business Management | X | | | 1 |
| Select one course from the following: | | X | | | 3-4 |
| AREC 230 | Agricultural Data Management and Analysis | | | | |
| BUS 150 | Business Computing Concepts and Applications | | | | |
| CS 110 | Personal Computing | | | | |
| Select one course from the following: | | X | | | 4 |
| CHEM 107 | Fundamentals of Chemistry (GT-SC2) | | | 3A | |
| CHEM 111 | General Chemistry I (GT-SC2) | | | 3A | |
| 1C (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc) | | | X | 1C | 3 |
| Total Credits | | | | | 15-16 |

Sophomore

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

| 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: | | X | | | 3 |
| STAT 201 | General Statistics (GT-MA1) | | | 1B | |
| STAT 301 | Introduction to Applied Statistical Methods | | | | |

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| Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities) | X | 3B | 3 |
| ANEQ 305 must be completed by the end of Semester 4. | X | | |

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| Total Credits | | | 15 |
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Junior

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

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| Total Credits | | | 15 |
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| Semester 6 | | Critical | Recommended | AUCC | Credits |
|--|---|-----------------|--------------------|-------------|----------------|
| LBM 333A | Livestock Business Engaged Research: Proposal Development | X | | | 1 |
| LBM 333B | Livestock Business Engaged Research: Field Experience | X | | | 1 |
| Ag Business Choice Block (See List in Program Requirements) | | | X | | 3 |
| Animal Science Choice Block (See List in Program Requirements) | | | X | | 6 |
| 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 | | | |

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| Total Credits | | | 14 |
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Senior

| Semester 7 | | Critical | Recommended | AUCC | Credits |
|--|---|-----------------|--------------------|-------------|----------------|
| LBM 333C | Livestock Business Engaged Research: Communications | X | | | 1 |
| Select two Ag Business 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 Courses (See List in Program Requirements) | | | X | | 6-7 |

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| Total Credits | | | 16-17 |
|----------------------|--|--|--------------|

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

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| Total Credits | | | 14-16 |
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| Program Total Credits: | | | 120 |
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