## Farm and Ranch Management Concentration

### Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECNS 101IS - Economic Way of Thinking</td>
<td>3</td>
</tr>
<tr>
<td>WRIT 101W - College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>AGED 140US - Leadership Dev For Agriculture or COMX 111US</td>
<td>3</td>
</tr>
<tr>
<td>University Core and General Electives</td>
<td>3</td>
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</tbody>
</table>

Choose one of the following: 3-4 credits
- BIOB 160 - Principles of Living Systems
- COMX 111US - Introduction to Public Speaking
- CHMY 121IN - Introduction to General Chemistry
- CHMY 122IN - Introduction to General Chemistry Lab
- CHMY 123 - Introduction to Organic Chemistry and Biochemistry
- CHMY 124 - Introduction to Organic and Biochemistry Lab
- CHMY 141 - College Chemistry I
- CHMY 142 - College Chemistry I Lab
- CHMY 143 - College Chemistry II
- CHMY 144 - College Chemistry II Lab
- ECNS 202 - Principles of Macroeconomics
- M 161Q - Survey of Calculus

Choose two of the following: 7-9 credits
- BIOB 110CS - Introduction to Plant Biology
- BIOB 160 - Principles of Living Systems
- BIOB 170IN - Principles of Biological Diversity
- CHMY 121IN - Introduction to General Chemistry
- CHMY 122IN - Introduction to General Chemistry Lab
- CHMY 123 - Introduction to Organic Chemistry and Biochemistry
- CHMY 124 - Introduction to Organic and Biochemistry Lab
- CHMY 141 - College Chemistry I
- CHMY 142 - College Chemistry I Lab
- CHMY 143 - College Chemistry II
- CHMY 144 - College Chemistry II Lab
- ENSC 245IN - Soils

**Year Total:** 15-16

### Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECNS 204IS - Microeconomics</td>
<td>3</td>
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<tr>
<td>ACTG 201 - Principles of Financial Acct</td>
<td>3</td>
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<tr>
<td>STAT 216Q - Introduction to Statistics or BIOB 318 - Biometry</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 211 - Data Analytics I or AGED 105 - Microcomputers in Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>University Core and General Electives</td>
<td>3</td>
</tr>
<tr>
<td>ACTG 202 - Principles of Managerial Accounting</td>
<td>3</td>
</tr>
</tbody>
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**Year Total:** 14-16

### Junior Year

**Year Total:** 15

### Senior Year

**Year Total:** 15

**Total Program Credits:** 120

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1. ECNS 251IS Honors Economics (4 credits) may be substituted for the three-course sequence ECNS 101IS, ECNS 202, and ECNS 204IS. If ECNS 251 is substituted, one additional upper-level AGBE/ECNS/EFIN course elective is required.

2. Students exempt from WRIT 101 are required to complete a second Directed Major Electives: Communications.

3. Directed Major Electives: Social Sciences cannot be double counted to fulfill University Core requirements. Students completing a double major with Ag, Bus. may fulfill the social sciences elective requirement using their first major's social science requirements. Social sciences electives include ANTH, ANTY, GPHY, HSTA, HSTR, POLS, PSCI (except PSCI 498), PSYX, and SOCI.
Agricultural Business students seeking a minor in Economics must complete an additional 9 credits at the 300 level or above in AGBE/ECNS/EFIN electives over and above all requirements for graduation with a major in Agricultural Business.

Agricultural Business students seeking a second major in Economics must complete an additional 15 credits at the 300 level or above in AGBE/ECNS/EFIN electives over and above all requirements for graduation with a major in Agricultural Business.

**Graduation Requirements:**
Agricultural Business students must receive a grade of C or better in ECNS 101S, ECNS 202, ECNS 204S, ECNS 301, ECNS 303, and M 161Q or M 171Q (or their equivalents) to meet departmental graduation requirements. All other selective courses counting toward departmental graduation requirements must be graded C- or better.

Agricultural Business students seeking a second major in Economics must complete an additional 15 credits numbered 300 level or above in AGBE/ECNS electives over and above all requirements for graduation with a major in Agricultural Business.

A minimum of 120 credits is required for graduation; 42 of these credits must be numbered 300 and above.