

**AGRIBUSINESS- Livestock Industries Option**  
**UNL College of Agricultural Sciences and Natural Resources**  
**2016-2017 UNL Undergraduate Bulletin (120 hours)**

**College Integrative Courses** **3 Hours**

REQUIREMENT	Hrs
<i>SCIL 101</i> Science and Decision-Making for a Complex World	3

**Communication – ACE 1 and 2** **6 Hours**

<b>ACE 1:</b> <i>JGEN 120</i> Basic Business Communication, <i>JGEN 200</i> Technical Communication I; <i>JGEN 300</i> Technical Comm. II; <i>ENGL 150</i> Writing: Rhetoric as Inquiry, <i>ENGL 151</i> Writing: Rhetoric as Argument, or <i>ENGL 254</i> Writing and Communities	3
<b>ACE 2:</b> <i>ALEC 102</i> Interpersonal Skills for Leadership, <i>COMM 101</i> Communication in the 21 <sup>st</sup> Century, <i>COMM 109</i> Fundamentals of Human Communication, <i>COMM 209</i> Public Speaking, <i>COMM 210</i> Communicating in Small Groups, <i>COMM 215</i> Visual Communication, <i>COMM 283</i> Interpersonal Communications, <i>COMM 286</i> Business & Professional Communication, <i>JGEN 300</i> Technical Comm. II, <i>MRKT 257</i> Sales Communication, <i>NRES 260</i> Environmental Communication Skills, or <i>TMFD 121</i> Visual Communication and Presentation	3

**Mathematics and Analytical Skills - ACE 3** **6-8 Hours**

<i>MATH 104</i> Calculus for Managerial & Social Sciences (3cr) or <i>MATH 106</i> or <i>106B</i> Analytical Geometry & Calculus I (5cr)	3-5
<i>STAT 218</i> Intro to Statistics or <i>ECON 215</i> Statistics	3

**Natural Sciences – ACE 4** **8 Hours**

1. <i>CASNR Approved Life Sciences (select one)</i> <i>AGRO 131</i> & <i>AGRO 132</i> Plant Science & Lab (4cr) <i>BIOS 101</i> & <i>BIOS 101L</i> General Biology & Lab (4cr) <i>BIOS 109</i> General Botany (4cr) <i>BIOS 112</i> & <i>BIOS 112L</i> Intro to Zoology & Lab (4cr) <i>ENTO 115</i> Insect Biology & <i>ENTO 116</i> Insect Id (4cr) <i>HORT 131</i> & <i>HORT 133</i> Plant Science & Lab (4cr) <i>LIFE 120</i> & <i>LIFE 120L</i> Fundamentals of Biology I & Lab (4cr)	4
2. <i>CHEM 105</i> Chemistry in Context I or <i>109</i> General Chemistry (recommended)	4

**Arts, Humanities and Social Sciences** **18 Hours**

<i>ECON 211</i> Principles of Macroeconomics	3
<b>ACE 6:</b> <i>AECN 141</i> Intro to Economics of Agriculture or <i>ECON 212</i> Principles of Microeconomics	3
Select one ACE course from areas 5, 7, 8, and 9 (12 hours)	
<b>ACE 5</b> –Study of Humanities	3
<b>ACE 7</b> –Study of Arts	3
<b>ACE 8</b> -Ethical Principles, Civics, Stewardship	3
<b>ACE 9</b> - Global Awareness/Human Diversity	3

**International Block** Nine hours of coursework with an international focus are required as part of the 120 hours required for a degree. Course options include *AGRI 282, 310; NRES 492; AECN 346, 367, 420, 425;* or those listed in the UNL Global Studies degree program in the *2016-2017 UNL Undergraduate Bulletin*.

**Agricultural Sciences** **40-41 Hours**

<i>AECN 100</i> New Student Career Orientation	1
<i>AECN 201</i> Farm and Ranch Management	4
<i>AECN 225</i> Food Products Marketing or <i>AECN 235</i> Introduction to Commodity Marketing	3
<i>AECN 256</i> Legal Aspects in Agriculture or <i>BLAW 300</i> Business or <i>BLAW 372</i> Legal Environment	3
<i>AECN 316</i> Agribusiness Management	3
<i>AECN</i> Elective-6 hours at the 200 level or above (excluding <i>AECN 388</i> )	3
<b>ACE 10</b> Capstone (3cr) <i>Select one from:</i> <i>AECN 420</i> International Food & Agricultural Trade <i>AECN 425</i> Agricultural Marketing in a Multinational Environment <i>AECN 435</i> Advanced Agricultural Marketing Management <i>AECN 453</i> Agricultural & Rural Property Appraisal	3
<i>ASCI 250</i> Animal Management	3
<i>ASCI 491</i> Animal Science Seminar	1
<i>ASCI Elective</i> at 200-level or above	3
<i>ASCI Elective</i> at 300-level or above	2-3
<i>ASCI Elective</i> at 400-level or above	2
<i>CASNR</i> Electives- 6 hours; <i>AGRO 153</i> or any 200 level or above (excluding <i>AECN</i> courses and <i>ALEC 388</i> )	3
	3

**Supporting Courses** **24 Hours**

<i>ACCT 201</i> Intro to Accounting I	3
<i>ACCT 202</i> Intro to Accounting II	3
<i>ECON 311</i> Intermediate Macroeconomics	3
<i>ECON 312</i> Intermediate Microeconomics	3
<i>Select one from: AECN 401</i> Advanced Farm Management and Linear Programming, <i>ECON 417</i> Introductory Econometrics, or <i>SCMS 331</i> Operations and Supply Chain Management	3
<i>MNGT 300</i> Management Essentials for Contemporary Organizations, <i>MNGT 301</i> Introduction to Management, <i>MNGT 360</i> Managing Behavior in Organizations or <i>MNGT 361</i> Human Resource Management	3
<i>MRKT 300</i> Contemporary Marketing or <i>341</i> Marketing	3
<i>CBA</i> Electives-3 hours at the 200 level or above	3

**Free Electives** **12-15 Hours**


**ACADEMIC PROGRAM:****Agribusiness****OPTION:****Livestock Industries****First Year – Fall Semester** (13 hours)

AECN 100-New Student Career Orientation	1
<b>ACE 6</b> -AECN 141-Intro to Economics of Agric	3
<b>ACE 1</b> -Written Communications	3
<b>ACE 5</b> -Humanities	3
<b>ACE 3</b> -Math**	3
	3

**Second Year - Fall Semester** (16 hours)

AECN 201-Farm and Ranch Management	4
ACCT 201-Intro to Accounting I	3
ASCI 250- Animal Management	3
AECN Elective (200 Level or above)	3
ECON 211-Principles of Macroeconomics	3

**Third Year - Fall Semester** (15 hours)

ASCI Elective (300 Level)	3
AECN 316-Agribusiness Management	3
<b>ACE 8</b> -Ethics/Civics/Stewardship	3
ECON 312-Intermediate Microeconomics	3
<b>ACE 7</b> -Arts	3

**Fourth Year – Fall Semester** (14 hours)

ASCI Elective (400 Level)	2
CASNR Elective (200 Level or above)	3
MNGT 360- Managing Behavior in Organizations	3
Free Elective	6

**First Year – Spring Semester** (16 hours)

AECN 225- Agribusiness & Food Prod. Marketing	3
CASNR Elective (AGRO 153 or 200-level)	3
STAT 218-Intro to Statistics	3
BIOS 101/101L General Biology/Lab	4
SCIL 101 Science & Decision-Making/Complex World	3

**Second Year - Spring Semester** (16 hours)

ASCI Elective (200 Level)	3
ACCT 202-Intro to Accounting II	3
<b>ACE 4</b> -CHEM 109- General Chemistry I	4
AECN 256- Legal Aspects in Agriculture	3
<b>ACE 2</b> -Oral Communications	3

**Third Year - Spring Semester** (15 hours)

CBA Elective (200 level or above)	3
AECN Elective (300 level or above)	3
MRKT 341-Marketing	3
ECON 311-Intermediate Macroeconomics	3
<b>ACE 9</b> -Global Awareness/Human Diversity	3

**Fourth Year – Spring Semester** (15 hours)

<b>ACE 10</b> -Capstone in Major**	3
ASCI 491- Animal Science Seminar	1
AECN 401-Advanced Farm Management	3
Free Elective	8

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Elective hours are required in two areas:

- Agricultural Economics (6 hours; 3 at the 300-level or above)
- Animal Science (9 hours; 3 at the 200 level, 2-3 at the 300 level, 2 at the 400 level)
- CASNR (6 hours, must be at the 200 level or AGRO 153)
- Free Electives (12-15 hours; no level restrictions)

Electives can be used to explore interests in the first couple of years, complete a minor or two, complete a dual major, or take fun/interesting classes. Academic advisors help to determine how to best use elective hours.

\*MATH 104, Applied Calculus (3 hr) or MATH 106 Analytic Geometry and Calculus (5 hr) is required. Depending on UNL Math Placement Exam results (required prior to enrollment in the first math course at UNL), students may need to take additional courses to prepare for calculus. For instance, MATH 101, College Algebra, is commonly taken before MATH 104 or 106 and counts as 3 credit hours of free electives

\*\*ACE 10 Capstone is selected from *AECN 420* International Food and Agricultural Trade, *AECN 425* Agricultural Marketing in a Multinational Environment, *AECN 453* Agricultural and Rural Property Appraisal, or *AECN 435* Advanced Agricultural Marketing Management.