

**College of Agricultural Sciences and Natural Resources      APPENDIX 4**  
**Bachelor of Science Degree in Agronomy-Integrated Crop Management Option**  
**Nebraska College of Technical Agriculture Academic Transfer Program**

UNL			Nebraska College of Technical Agriculture (NCTA)				
Course No.	Course Title	Required Credits	Course No.	Course Title	Required Credits		
<b>ACE Student Learning Outcomes - Except where noted, choose one course from each ACE Outcome.</b>							
<b>Ace Outcome 1 (Written Communications)</b>		<b>3</b>			<b>3</b>		
ENGL 150	Writing and Inquiry	3	ENG 1903	Writing and Inquiry	3		
ENGL 151	Writing and Argument	3	ENG 2203	Writing and Argument	3		
JGEN 200	Technical Communication I	3	ENG 1503	Technical Communication I	3		
<b>ACE Outcome 2 (Oral Communications)</b>		<b>3</b>			<b>3</b>		
ALEC 102	Interpersonal Skills for Leadership	3	AED 1023	Interpersonal Skills for Leadership	3		
COMM 209	Public Speaking	3	SPC 1113	Public Speaking	3		
<b>ACE Outcome 3 (Mathematics and Statistics) - NOTE: Proficiency at the college algebra level must be demonstrated either by a placement exam or through course work. Three credits earned in MTH 1503, College Algebra, if taken to fulfill this requirement will be free electives at UNL. No credit is granted for MTH 1103, Basic Math; MTH 1203, Intermediate Algebra or MTH 1403 Agricultural Mathematics.</b>							
STAT 218	Introduction to Statistics	3	5	MTH 2203	Introduction to Statistics	3	5
MTH 102	Trigonometry	2		MTH 2252	Trigonometry	2	
<b>Outcome 4 (Sciences)</b>		<b>8</b>			<b>8</b>		
AGRO 131/132	Plant Science and Agronomic Plant Science Lab	4		BIO 1313/1321	Plant Science/Agronomic Plant Science Lab	4	
CHEM 105 or CHEM 109	Chemistry in Context I/General Chemistry I	4		CHM 1014 or CHM 1104	Intro to Chemistry/General Chemistry I	4	
<b>ACE Outcome 5 (Humanities)</b>		<b>3</b>			<b>3</b>		
HIST 111	American History After 1877	3		HTY 1303	American History After 1877	3	
<b>ACE Outcome 6 (Economics) NOTE: ECN 1303 or 1202 can meet ACE 6 or 8 but not both.</b>							
ECON 211	Principles of Macroeconomics	3	3	ECN 1303	Principles of Macroeconomics	3	
ECON 212	Principles of Microeconomics	3		ECN 1203	Principles of Microeconomics	3	
<b>ACE Outcome 7 (Arts) NOTE: HSL 1053 can meet ACE 7 or 9 but not both.</b>							
ENGL 250	Beginning Creative Writing	3	3	ENG 2223	Beginning Creative Writing	3	
HORT 200	Landscape & Environmental Appreciation	3		HSL 1053	Landscape & Environmental Appreciation	3	
<b>ACE Outcome 8 (Ethical Principles) NOTE: ECN 1303 or 1202 can meet ACE 6 or 8 but not both.</b>							
ECON 211	Principles of Macroeconomics	3	3	ECN 1303	Principles of Macroeconomics	3	
ECON 212	Principles of Microeconomics	3		ECN 1203	Principles of Microeconomics	3	
<b>Agricultural Sciences</b>		<b>14</b>			<b>14</b>		
AGRO 153	Soil Resources	4		AGR 1201/1203	Principles of Soils Lab/Principles of Soils	4	
AGRO 204	Resource-Efficient Crop Management	3		AGR 2404	Crop Management	3	
AGRO 240	Forage Crop and Range Management	3		ASI 2303	Range Management	3	
AGRO 366	Soil Nutrient Relationships	4		AGR 2304	Soil Fertility	4	
<b>Business and Economics</b>		<b>7</b>			<b>7</b>		
AECN 201	Farm and Ranch Management	4		ABM 2854	Farm and Ranch Management	4	
AECN 235	Introduction to Commodity Marketing	3		MKT 2103	Ag Marketing	3	
<b>Total Hours Applying Towards a Bachelors of Science Degree in Agronomy (UNL)</b>		<b>52</b>	<b>Total Hours Applying Towards an Associate of Science Degree at NCTA.</b>		<b>52</b>	<b>NOTE: UNL will only accept a total of 60 semester hours.</b>	

Updated 3/19