College of Agricultural Science and Natural Resources   APPENDIX 1
Bachelor of Science Degree Major to be Declared
Central Community College Associate of Science Program

UNL				Central Community College			
Course No.	**Course Title**	**Required Credits**		**Course No.**	**Course Title**	**Required Credits**	
ACE Student Learning Outcomes - Except where noted, choose one course from each ACE Outcome.							
Ace Outcome 1 - Complete both courses			**6**	**Group A: Communications**			**6**
ENGL 150	Writing: Rhetoric	3		ENGL 1010	English Composition	3	
ENGL 151	Rhetoric As Argument	3		ENGL 1020	Writing and Research	3	
ACE Outcome 2			**3**	**Group A: Communications**			**3**
COMM 209	Public Speaking	3		SPCH 1110	Public Speaking	3	
COMM 109	Fundamentals of Human Communication	3		SPCH 1400	Oral Communication	3	
ACE Outcome 3 - Students should work with CCC Academic Adviser when selecting courses.							
			5-6	**Group B: Critical Thinking and Problem Solving-Mathematics**			**5-6**
STAT 218	Introduction to Statistics **AND**	3		MATH 2020	Applied Statistics **AND**	3	
MATH 102	Trigonometry **OR**	2/1NDAP		MATH 1380	Trigonometry **OR**	3	
MATH 104	Applied Calculus	3		MATH 2040	Applied Calculus	3	
MATH 106	Calculus I	5		MATH 2060	Analytic Geometry/Calculus I	5	
ACE Outcome 4 - Select two courses from any of the three areas. Students should work with CCC Academic Adviser when selecting courses.							
			8-9	**Group B: Critical Thinking and Problem Solving-Science**			**8-9**
BIOS 101/101L	General Biology	4		BIOS 1010	General Biology	4	
BIOS 109	General Botany	4		BIOS 1090	General Botany	4	
BIOS 112/112L	Introduction to Zoology and Intro to Zoology Lab	4		BIOS 1120	Principles of Zoology	4	
CHEM 105	Chemistry in Context I	4		CHEM 1050	Elements of Chemistry	4	
CHEM 109	General Chemistry I	4		CHEM 1090	General Chemistry I	4	
PHYS 141	Elements of General Physics I	5		PHYS 1410	General Physics I	5	
		15				**15**	
ACE Outcome 5			**3**	**Group C: Life and Career Skills**			**3**
PHIL 220	Elements of Ethics	3		PHIL 2650	Introduction to Ethics	3	
ACE Outcome 6			**3**	**Group E: Global Awareness**			**3**
AECN 141	Introduction to the Economics of Agricuture	3		AGRI 1410	Agricultural Economics	3	
ACE Outcome 7			**3**	**Group E: Global Awareness**			**3**
MUNM 276G	The Music Experience	3		MUSC 1010	Introduction to Music	3	
THEA 112G	Introduction to Theatre	3		THEA 1010	Introduction to Theater	3	
ACE Outcome 8			**3**	**Elective Course**			**3**
ECON 211	Principles of Macroeconomics	3		ECON 2110	Principles of Macroeconomics	3	
ECON 212	Principles of Microeconomics	3		ECON 2120	Principles of Microeconomics	3	
PHIL 101	Intro to Philosophy	3		PHIL 1010	Introduction to Philosophy	3	
POLS 100	Power and Politics In America	3		POLS 1000	American Government	3	
ACE Outcome 9			**3**	**Elective Course**			**3**
GEOG 140	Introduction to Human Geography	3		GEOG 1400	Cultural Geography	3	
HIST 120	World History to 1500	3		HIST 1700	World Civilizations to 1500	3	
HIST 121	World History since 1500	3		HIST 1710	World Civilizations after 1500	3	
RELG 108	World Religions	3		PHIL 2610	Comparative Religions	3	
POLS 160	International Relations	3		POLS 1600	International Relations	3	
SOCI 201	Social Problems	3		SOCI 2010	Social Problems	3	
SOCI 217	Nationality and Race Relations	3		SOCI 2150	Issues of Unity and Diversity	3	
Outcome 10 - Must be taken at UNL							
Free Elective			**3**	**Group D: Information & Technology Literacy**			**3**
Students should work with CCC Academic Adviser when selecting elective courses.							
Agricultural Sciences:			**8-10**	**Elective Course**			**8-10**
AECN 201	Farm and Ranch Management	4		AGRI 2010	Farm Management	4	
AECN 256	Legal Aspects in Agriculture	3		AGRI 2560	Legal Aspects of Agriculture	3	
AGRO 131/132	Plant Science and Plant Science Lab	4		AGRI 1310/1350	Plant Science and Plant Science Lab	4	
AGRO 153	Soil Resources	4		AGRI 1530	Soil Science	4	
ASCI 100	Fundamentals of Animal Biology and Industry	4		AGRI 1700	Animal Science	4	
Total Hrs. Applied Toward BS/BA Degree at UNL		**60**		**Total Hrs. for AS Degree**			**60**

Updated 2/15