

College of Agricultural Science and Natural Resources APPENDIX 4
Bachelor of Science Degree in Agricultural Education-Teaching Option
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
ACE Outcome 3 - All courses below are program requirements			5	Group B: Critical Thinking and Problem Solving-Mathematics	6
STAT 218	Introduction to Statistics	3	MATH 2020	Applied Statistics	3
MATH 102	Trigonometry	2/1 NDAP	MATH 1380	Trigonometry	3
ACE Outcome 4 - Select one course from each area			13	Group B: Critical Thinking and Problem Solving-Science	13
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
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 Agriculture	3	AGRI 1410	Agricultural Economics	3
ACE Outcome 7			3	Elective Course	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	Group E: Global Awareness	3
SOCI 217	Nationality and Race Relations	3	SOCI 2150	Issues of Unity and Diversity	3
Outcome 10 - Must be taken at UNL					
Free Electives			3	Group D: Information and Technology	3
AGRI 271	An Introduction in Computer Applications in Agriculture	3	INFO 1120	Microcomputer Applications	3
Agricultural Sciences:			14	Elective Courses (select at least 14 credits)	14
AECN 201	Farm and Ranch Management	4	AGRI 2010	Farm Management	4
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
ALEC 134	Agricultural Leadership, Education and Communication Careers	2/1 Free elective	EDUC 1110	Introduction to Professional Education	3
ALEC 135	Early Field Experience in Agricultural Leadership, Education and Communication	1/1 Free elective	EDUC 1700	Professional Practicum	2
ASCI 100	Fundamentals of Animal Biology and Industry	4	AGRI 1700	Animal Science	4
Will substitute for the Mechanized Systems Endorsement Requirement		4	AUTO 1540/1550	Small Engines I and II	4
Will substitute for the Mechanized Systems Endorsement Requirement		3	WELD 1300	Oxyacetylene Welding I	3
Will substitute for the Mechanized Systems Endorsement Requirement		5	WELD 1440/1450	Gas Metal Arc Basics and Gas Metal Arc Welding I	5
Will substitute for the Mechanized Systems Endorsement Requirement		4	WELD 1470/1480	Shield Metal Arc Welding I and II	4
Will substitute for the Mechanized Systems Endorsement Requirement		5	WELD 1500/1510	Gas Tungsten Arc Welding I and II	5
Total Hrs. Applied Toward BS Degree at UNL			59	Total Hrs. for AS Degree	60