

AGRICULTURAL EDUCATION MAJOR - AGRICULTURAL SYSTEMS EMPHASIS

Student:		USU ID:	
Associate's Degree: Yes _____ No _____		Transfer Student _____ Entering _____	
College/University:			
University Studies - Competency	Cr	√	Prerequisites:
English 1010 (CL1) Introduction to Writing	3		
English 2010 (CL2) Intermediate Writing	3		English 1010 and 30 credits or 3 AP or 29 ACT
Math 1050 (QL) College Algebra	4		C- in Math 1010 or ACT 23 or Placement Exam
Total:	<10>		
Computer Information Literacy (CIL) Passing grade	0		Comprised of 6 CIL exams
University Studies – Breadth			
(Two must be USU courses)			
BPS Chem 1010 (BPS) Intro to Chemistry* (f,sp)	3		
BHU (Humanities) Elective (USU course recommended)	3		
BSS (Social Science) Elective (ASTE 2900 Humanity in Food Web recommended)	3		
BCA (Creative Arts) Elective (USU course recommended)	3		
BAI ECON 1500 Intro to Economic Institutions (F,Sp,Su)	3		
BLS (Life Science) Elective (USU 1350 Integrated Life Science recommended)	3		
Additional Breadth Course (any area)	3		
Total:	<21>		
University Studies – Depth (3000+)			
DHA (Humanities & Creative Arts) Elective	2-3		
DSS (ScEd 3210 Ed. And Multicul. Found.*)	3		
Total:	<5-6>		
Professional Education			
ScEd 3100 Motivation and Classroom Mgmt. (sp)	3		
ScEd 3210 (CI/DSS) Ed. & Multicultural Foundations (sp)	3		
ScEd 4200 Reading, Writing, and Tech. (f)	3		
ScEd 4210 Cognition and Evaluation (f)	3		
SpEd 4000 Educ of Exceptional Individuals (f,sp)**	2		
Total	<14>		
Teacher Education Sequence			
ASTE 2710 Orientation to Ag. Education	Fall		
Level I (3000 level Prof. & Ag. Ed. Classes)	Spr		
Level II (4000 level Prof. & Ag. Ed. Classes)	Fall		
Level III (5000 level Prof. & Ag. Ed. Classes)	Spr		
* Requirements for major			
** May be taken prior to admission to Teacher Education			

AGRICULTURAL EDUCATION MAJOR - AGRICULTURAL SYSTEMS EMPHASIS (2)

Emphasis – Agricultural Systems	Cr	√	Prerequisites:
ADVS 1110 Intro to Animal Science (f,sp)	4		
ASTE 1010 Intro to Ag Systems (f)	3		
ASTE 1120 Forage/Harvest Equipment (f)	3		
ASTE 2200 Electricity in Ag. Systems (sp)	3		
ASTE 3030 Metal Welding Processes (f)	3		
ASTE 3040 (QI) Ag. Building Fabrication (sp)	2		
ASTE 3050 (CI) Commun. Principles in Ag. (f,sp)	3		ENGL 2010
ASTE 3080 Compact Power Units (sp)	3		
ASTE 3200 Irrigation Principles (sp)	3		
ASTE 3600 (QI) Machinery Management (sp)	3		MATH 1050 or STAT 1040
ASTE 4100 Agriculture Structures & Environ (sp)	3		
ASTE 3710 Ag Mach Hydraulics (f) OR ASTE 3720 Ag DC Elect Systems (f)	3		
ASTE 5260 Environmental Impacts of Ag Systems (f)	3		
CHEM 1110 (BPS) General Chemistry (f,sp) OR CHEM 1010 (BPS) Intro to Chemistry (f,sp)	4		
ECON 3030 (DSS) Intro. Ag. Bus. Marketing (f) OR ECON 3050 (DSS) Intro. Ag. Bus. Mgmt. (sp)	3		ECON 1500
PHYS 1800 Physics of Technology (sp)	4		
PLSC 4280 Field Crops (f) OR equivalent PLSC course	3		
SOIL 3000 Fundamentals of Soil Science (f,sp)	4		CHEM 1110, MATH 1050, or equivalent
	<57>		
Agricultural Education			
ASTE 2710 Orientation To Ag. Education (f)	2		
ASTE 3100 Leadership (sp)	2		
ASTE 3240 Teaching in Lab Settings (sp)	3		ASTE 2710
ASTE 3300 Clinical Exp. I (sp)	1		
ASTE 3620 FFA and SAEP (sp)	2		
ASTE 4150 Methods of Teaching (f)	3		ASTE 3240
ASTE 4300 Clinical Exp. II (f)	1		
ASTE 5500 Sec. Curriculum Seminar (sp)	2		
ASTE 5630 Student Teaching (sp)	10		
	<26>		
Additional Courses Leading toward a Biological Science Endorsement			
BIOL 1620 (BLS) Biology II (sp)	4		BIOL 1610
BIOL 2060 Elementary Microbiology (f)	4		
BIOL 2220 General Ecology (f,sp)	3		BIOL 1610, BIOL 1620
BIOL 2420 Human Physiology (f,sp,s)	4		
Minors to Consider	In addition to courses listed above, take:		
General Animal Science Minor (11 additional credits)	One production course (2 credits) and three additional ADVS courses to equal six (9) credits		
ESL Endorsement/Minor (18 additional credits)	SCED 4730, 4760, 4740, 4770, 4710, 4780		