

**CAREER AND TECHNICAL EDUCATION
AGRICULTURE**

**Grade Levels 5-12
REPA 3**

**NOT VALID
WITHOUT
OFFICIAL
TRANSCRIPT
EVALUATION**

<u>CONTENT</u>	<u>Semester Hours</u>
One of the following:	3
AGEC 31000 Farm Organization (3) ¹	
AGEC 33000 Management Methods for Agricultural Business (3) ¹	
<i>¹Only one of the above courses is required. If more than one course is completed, each additional course may be part of the 9 selective hours.</i>	
One of the following:	3
ANSC 10200 Introduction to Animal Agriculture (3) ¹	
ANSC 10600 Biology of Companion Animals (3) ¹	
<i>¹Only one of the above courses is required. If more than one course is completed, each additional course may be part of the 9 selective hours.</i>	
One of the following:	3
FS 16100 Science of Food (3) ¹	
NUTR 20500 Food Science (3) ¹	3
<i>¹Only one of the above courses is required. If more than one course is completed, each additional course may be part of the 9 selective hours.</i>	
One of the following:	3
AGEC 20300 Introductory Microeconomics for Food and Agribusiness (3)	
AGEC 20400 Introduction to Resource Economics and Environmental Policy (3)	
AGEC 21700 Economics (3)	
ECON 21000 Principles of Economics (3)	
ECON 21700 Economics (3)	
ECON 25100 Microeconomics (3)	
ECON 25200 Macroeconomics (3)	
Each of the following:	
AGRY 25500 Soil Science	3
AGRY 32000 Genetics	3
AGRY 37500 Crop Production Systems	3
ANSC 22100 Principles of Animal Nutrition	3
ASM 1XXXX Introductory Welding	3
ASM 20100 Construction and Maintenance	3
ENTM 20600 General Entomology	2
ENTM 20700 General Entomology Lab	1
FNR 12500 Environmental Science and Conservation (Formerly FNR 10300)	3
HORT 10100 Fundamentals of Horticulture	3
HORT/ 21200 Greenhouse and Landscape Management for Educators	3
ASEC	

In consultation with an Agricultural Education academic advisor, select 9 credits of agricultural selectives from College of Agriculture courses 10000-59999 (prefixes AGECE, AGRY, ANSC, ASM, ENTM, FNR, FS, HORT, LA, NRES, SFS) that will best prepare the student to teach Agricultural Science and Business. 9

(Agriculture continued)

PROFESSIONAL EDUCATION

Foundation Courses

EDCI	20500	Exploring Teaching as a Career	3
EDCI	27000	Introduction to Educational Technology and Computing	3
EDCI	28500	Multiculturalism and Education	3
EDPS	23500	Learning and Motivation	3
EDPS	26500	The Inclusive Classroom	3
EDST	20010	Educational Policies and Laws	1
EDPS	32700	Classroom Assessment	1
EDPS	43010	Secondary Creating and Managing Learning Environments	1
ASEC	24000	Seminar in Agricultural Education	1

Methods Courses

ASEC	31800	Coordination of Supervised Agricultural Experience Programs	2
ASEC	31900	Planning Agricultural Science and Business Programs	2
ASEC	34000	Laboratory Practices in Agricultural Education	2
ASEC	34100	Curriculum Development in Agricultural Education	2
ASEC	44000	Methods of Teaching Agricultural Education ^{2,3}	3
ASEC	44200	Curriculum Implementation in Agricultural Education	2
EDCI	49800	Supervised Teaching (12 weeks)	12

²This course includes the completion of a reading module.

³This is a restricted methods course. Admission to the Teacher Education Program (TEP) is required.

Total Professional Education 44

Candidate also must complete 4,000 clock hours of successful employment in agriculture or 1,500 clock hours of supervised agricultural work under an approved teacher education program or an equivalent combination.