

**CAREER AND TECHNICAL EDUCATION
AGRICULTURE**

**Grade Levels 5-12
REPA 3**

**NOT VALID
WITHOUT
OFFICIAL
TRANSCRIPT
EVALUATION**

| | |
|-----------------------|---------------------------|
| <u>CONTENT</u> | Semester Hours |
|-----------------------|---------------------------|

One of the following: 3

- | | | | |
|------|-------|---|--|
| AGEC | 31000 | Farm Organization (3) ¹ | |
| AGEC | 33000 | Management Methods for Agricultural Business (3) ¹ | |
- ¹Only one of the above courses is required. If more than one course is completed, each additional course will be considered part of the 12 selective hours.

One of the following: 3

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|------|-------|---|--|
| 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 | 10200 | Introduction to Animal Agriculture | 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 |
| FS | 16100 | Science of Food | 3 |
| HORT | 10100 | Fundamentals of Horticulture | 3 |
| HORT | 20100 | Plant Propagation | 3 |

In consultation with an Agricultural Education academic advisor, select 12 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. 12

Total Content 54

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 |

| <i>(Agriculture continued)</i> | | | Semester Hours |
|---|-------|---|---------------------------|
| EDST | 20010 | Educational Policies and Laws | 1 |
| EDPS | 32700 | Classroom Assessment | 1 |
| EDPS | 43010 | Secondary Creating and Managing Learning Environments | 1 |
| <u>Methods Courses</u> | | | |
| YDAE | 31800 | Coordination of Supervised Agricultural Experience Programs | 3 |
| YDAE | 31900 | Planning Agricultural Science and Business Programs | 3 |
| YDAE | 44000 | Methods of Teaching Agricultural Education ² | 3 |
| YDAE | 44100 | Field Experience in Agricultural Education Programs | 1 |
| EDCI | 49800 | Supervised Teaching (12 weeks) | 12 |
| ² This course includes the completion of a reading module. | | | |
| Total Professional Education | | | 40 |

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