

# AGRICULTURAL EDUCATION

## 2025 Curriculum Guide

### GENERAL EDUCATION

Must be 100 or 200 level.  
(38 hours)

<b>GE #1: English</b>	ENGL 100 Expos Writ I	3	—
	ENGL 200 Expos Writ II	3	—
<b>GE #2: Comm</b>	COMM 106 Pub Speak I	3	—
<b>GE #3: Math</b>	MATH 160 Contem Math	3	—
	<i>Prior completion of MATH 100 or STAT 225 is acceptable.</i>		
<b>GE #4: Natural Science</b>		4	—
	<i>(BIOL 198 recommended)</i>		
<b>GE #5: Social &amp; Behav Science</b>		3	—
	<i>(AGEC 120)</i>		
<b>GE #6: Arts &amp; Humanities</b>		3	—
		3	—
<b>GE #7: Institutional Choice</b>		—	—
<b>GE #7: Institutional Choice</b>		—	—
<b>Natural &amp; Physical Sciences</b>		—	—
CHEM 110 & 111		4	—
	<i>(CHEM 110 &amp; 111 required as pre-req for AGRON 305).</i>		
<b>Free Electives</b>			
	<i>to meet 120 hour degree requirements</i>		
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### TECHNICAL AGRICULTURE

(34 hours)

#### Required Agricultural Science (22 hrs.)

ASI 102 Prin of Animal Science	3	—
AGEC 120 Prin of Agr Econ & Agribus	3	—
HORT 201 Prin of Horticultural Sci		—
<b>or</b> AGRON 120 Crop Science & AGRON 121 Crop Science Lab	4	—
AGRON 205 Soils	3	—
	<i>(CHEM 110 &amp; 111 required as pre-req.)</i>	
AGRON 206 Soils Lab	1	—
AGED 260 Agriculture Construction	3	—
Pwr Structural Technical Systems Electives (2)		—
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Food Products and Processing Course (3)		—
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#### Agricultural Science Electives (12 hrs.)

Complete 12 hours of College of Agriculture (or ATM) Courses. Of these 12 hours, at least 9 credit hours must be at the 200 level or higher. Courses must be selected from at least three College of Agriculture (or ATM) prefixes.

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### TEACHER EDUCATION

(45 hours)

#### Pre-Professional (7 hrs.)

AGED 100/300 Intro to Ag Education	1	—
AGED 305 Field Experience Ag Ed	1	—
EDCI 110 Foundations of Ed	3	—
AGED 620 Prin & Phil Career & Tech Ed	2	—

#### Block I (11 hrs.)

EDCI 315 Educational Psychology	3	—
EDCI 318 Educational Technology	1	—
EDCI 320 Core Teach Skills & Lab	2	—
EDSP 323 Exceptional Stud Sec School	3	—
AGED 400 Lead & Prof Development	2	—

#### Block II (15 hrs.) Fall Semester

EDSEC 525 Interpersonal Relations	1	—
EDSEC 455 Teaching Multicultural Society	1	—
EDSEC 477 Mid/Sec Reading	2	—
AGED 500 Methods Teaching Ag	3	—
AGED 520 Content Area Meth & Fld Exp	2	—
AGED 621 Program Plan Ag Ed	3	—
AGED 625 Inquiry/STEM/CASE	2	—
AGED 600 Senior Seminar	1	—

#### Block III (12 hrs.) Spring Semester

EDSEC 586 Tchg Intrnshp Secndry Schools	12	—
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#### Hours Required

120 —

***\*Admission to Teacher Education Required as follows***

- ☐ 50 hrs complete
- ☐ Overall 2.75 GPA (on courses used for the degree)
- ☐ Teaching Field 2.75 GPA (on courses used for the degree)
- ☐ Introduction to Ag Education - Early Field Experience
- ☐ Expository Writing I (C)
- ☐ Expository Writing II (C)
- ☐ Communication (C)
- ☐ Quantitative Science (C)
- ☐ ACT Score of 22 (or higher) or take the Basic Skills Exam
- ☐ Admission application submitted and approved

**Course Options**

**Power Structural Technical Systems (2 hours)**

- ATM 160 Engineering Systems and Technology in Agriculture (3 credit hours)
- AGED 212 Emerging Technologies in Power Structural and Technical Systems (1 credit hour)
- AGED 214 Agricultural Engine Systems (1 credit hour)
- AGED 215 Agricultural Electrical Systems (1 credit hour)
- AGED 216 Agricultural Structures Education (1 credit hour)

**Food Products and Processing (3 hours)**

- ASI 350 Meat Science
- ASI 405 Fundamentals of Milk Processing
- ASI 608 Dairy Foods Processing & Technology
- ASI 640 Poultry Production Technology
- FDSCI 302 Food Science
- FDSCI 305 Fundamentals of Food Processing
- GRSC 150 Principles of Milling with 151 Principles of Milling Lab
- GRSC 301 Baking Fundamentals