

## **Agriculture Technology – Associate in Applied Science (AGTE.AAS)**

The Agriculture Technology Associate in Applied Science program prepares students for careers in skilled agricultural and agribusiness areas. This degree will provide students with the diverse skill set necessary to work competently within the various sectors of the agriculture-food industry, including agricultural production (plant or livestock), precision farming, agribusiness and finance, sales management, soil or other conservation management, and food processing.

This degree is designed for students who seek employment in agriculture and agribusiness industries upon graduation from Jackson College. This program of study is not intended for those seeking a four-year or advanced degree in agriculture, natural resources or the natural sciences.

Those wishing to transfer to a four-year institution should pursue the Associate of Science degree, following the agriculture transfer program map.

*Minimum credits: 60*

*Minimum grade in all courses: 2.0*

*Minimum cumulative GPA: 2.0*

*Minimum Jackson College credits: 15*

### **GENERAL EDUCATION REQUIREMENTS (24-27 CREDITS)**

#### **GEO 1: Write clearly, concisely and intelligibly (3 credits)**

**Take the following:**

ENG 131 Writing Experience I

#### **GEO 2: Recognize the importance of effective communication in a dynamic and changing society (3 credits)**

**Choose one of the following:**

COM 231 Communication Fundamentals  
COM 240 Interpersonal Communication  
COM 250 Intercultural Communication  
HIS 211 Minority Groups in America  
HUM 131 Cultural Connections  
PHL 243 Great World Religions  
PLS 262 International Relations  
PSY 152 Social Psychology  
OR SOC 152 Social Psychology  
SOC 246 Marriage & Family

### **GEO 3: Demonstrate computational skills and mathematical reasoning (4 credits)**

**Take the following:**

MAT 130 Quantitative Reasoning (or higher)

### **GEO 4: Demonstrate scientific reasoning (8 credits)**

**Take the following:**

AGT 131 Introduction to Crop and Soil Science

NSC 120 Fundamentals of Agricultural Science

### **GEO 5: Understand human behavior and social systems, and the principles which govern them (3 credits)\*\***

**Take the following:**

ECN 231 Macroeconomics

### **GEO 6: Identify artistic, linguistic, and theoretical perspectives across the human experience (3 credits)\*\***

**Choose one of the following:**

SPN 131 Spanish I (or Higher)

### **RELATED REQUIREMENTS (15 CREDITS)**

**Take the following:**

**\*If you choose to take COM 231, you do not need to take COM 250. If you choose to take ENT 101, you do not need to take AGT 245.**

ACC 131 Introductory Accounting for Non-Majors

COM 231 Communication Fundamentals

COM 250 Intercultural Communications (Preferred)

BUA 220 Principles of Management

SEM 140 Seminar in Life Pathways

ENT 101 Entrepreneurship: Creating Your Own Job OR

AGT 245 Agricultural Internship (must be a unique experience than previously given credit for)

### **AGRICULTURAL TECHNOLOGY CORE REQUIREMENTS (22 CREDITS)**

**Take the following:**

AGT 111 Agricultural and Bio Safety

AGT 113 Introduction to Food Systems

AGT 209 Introduction to Precision Farming

AGT 212 Agricultural Policy and Practices

AGT 214 Integrated Pest Management

AGT 227 Introduction to Animal Science

AGT 231 Agricultural Finance

AGT 245 Agricultural Internship

STM 101 Introduction to Sustainability