

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

Modern Agriculture AAS Degree (GA13)

Offered at Clarkesville Campus

Entrance Dates Fall, Spring, Summer
 Length of Program..... 6 Terms
 Credit Hours Required for Graduation 71

Purpose: The Modern Agriculture Associate of Applied Science degree teaches students to apply knowledge of basic sciences to solve agricultural problems. In addition to studying the biology of plants and animals, students also learn about new technologies that can be applied to plant and animal production systems, resource management, the application of technologies to add value to agricultural production. The Modern Agriculture program allows the student to gain the appreciation for the reliance on natural resources, the basics of animal science, government involvement with food and agriculture, innovative technology within commercial agriculture and food processing, and global impacts of food and agriculture.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

General Core Courses	Total 15 credit hours
Area I Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (required)	
Area II Social/Behavioral Sciences	3
Area III Natural Sciences/Mathematics	3
(one of the following required)	
MATH 1101 Mathematical Modeling	
MATH 1111 College Algebra	
MATH 1103 Quantitative Skills and Reasoning	
MATH 1127 Introduction to Statistics	
Area IV Humanities/Fine Arts	3
General Education Elective	3

Contact program advisor for program-specific courses and see General Education Requirements for Associate Degrees for course options.

Occupational Courses	Total 56 credit hours
AGRB 2200 Principles of Agronomy	3
AGRB 2250 Survey of the Animal Industry	3
AGRB 2800 Agribusiness Internship	3
AGSC 2150 Grasses and Forages in Agriculture	3
AGSC 2270 Livestock Production and Management	3
BIOL 1111 Biology I	3
BIOL 1111L Biology I Lab	1
BIOL 1112 Biology II	3
BIOL 1112L Biology II Lab	1
CHEM 1211 Chemistry I	3
CHEM 1211L Chemistry I Lab	1
COLL 1010 College and Career Success Skills	3
ESCI 1130 Introduction to Fish and Wildlife Management	3
ESCI 2130 Aquaculture	3
ESCI 2070 Wildlife Damage	4
HORT 1000 Horticulture Science	3
HORT 1010 Wood Plant Identification	3
HORT 1080 Pest Management	3
HORT 1110 Small Scale Food Production	4
HORT 1670 Vineyard Technology	3

Estimated cost of books and supplies for full program is approximately \$2,000.

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

Modern Agriculture Diploma (GA12)

Offered at Clarkesville Campus

Entrance Dates Fall, Spring, Summer
 Length of Program..... 4 Terms
 Credit Hours Required for Graduation 53

Purpose: The Modern Agriculture diploma program teaches students to apply knowledge of basic sciences to solve agricultural problems. In addition to studying the biology of plants and animals, students also learn about new technologies that can be applied to plant and animal production systems, resource management, the application of technologies to add value to agricultural production. The Modern Agriculture program allows the student to gain the appreciation for the reliance on natural resources, the basics of animal science, government involvement with food and agriculture, innovative technology within commercial agriculture and food processing, and global impacts of food and agriculture.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses

Credits

Basic Skills Courses	Total 12 credit hours
COLL 1010 College and Career Success Skills	3
ENGL 1010 Fundamentals of English I	3
MATH 1012 Foundations of Mathematics	3
PSYC 1010 Basic Psychology	3
Occupational Courses	Total 41 credit hours
AGRB 2200 Principles of Agronomy	3
AGRB 2250 Survey of the Animal Industry	3
AGRB 2800 Agribusiness Internship	3
AGSC 2150 Grasses and Forages in Agriculture	3
AGSC 2270 Livestock Production and Management	3
ESCI 1130 Introduction to Fish and Wildlife Management	3
ESCI 2130 Aquaculture	3
ESCI 2070 Wildlife Damage	4
HORT 1000 Horticulture Science	3
HORT 1010 Woody Plant Identification	3
HORT 1080 Pest Management	3
HORT 1110 Small Scale Food Production	4
Guided Elective	3

Estimated cost of books and supplies for full program is approximately \$1,900.