

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		
ENGL 1101	Composition and Rhetoric (required)	3
Area II Social/Behavioral Sciences		3
Area III Natural Sciences/Mathematics		3
	<i>(one of the following required)</i>	
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 \$1,000.

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 Graduation53

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 \$500.