

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL STUDIES

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

Program Courses

Credits

General Core Courses

Total 24 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

(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 III Required Courses

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

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 47 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

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL STUDIES

AGSC	2270	Livestock Production and Management	3
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
		Occupational Guided Elective	3

Estimated cost of books and supplies for full program is approximately \$1,000.

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL STUDIES

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 \$500.