

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

Environmental Technology AAS Degree (ET23)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program 6 Terms
 Credit Hours Required for Graduation72

Purpose: The Environmental Technology Associate of Applied Science degree program offers specialized training to those who are interested in employment in an environmental science related field. Course work includes general education, computer applications, biology, chemistry, industrial safety, and an extensive array of detailed environmentally specific classes. The goal of this program is to produce graduates who have the necessary skills and knowledge to contribute to addressing issues associated with human interactions with the environment. The courses in the Wildlife and Fisheries Management specialization meet the requirements that the Georgia Department of Natural Resources has established for Wildlife and Fisheries Technicians and Conservation Ranger.

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 Requirements:

- Must meet technical competencies (listed below) of the program prior to entry

| General Core Courses | Total 12 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 | |
| Area IV Humanities/Fine Arts | 3 |

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

| Occupational Courses | Total 28 credit hours |
|--|------------------------------|
| 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 1020 Introduction to GIS | 3 |
| ESCI 1080 Survey of Environmental Ethics | 3 |
| ESCI 2030 Forest, Stream, and Wetland Ecology | 3 |
| ESCI 2120 Quantitative Field Sampling and Analysis | 4 |

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Completion of the following specialization is required:

| Wildlife and Fisheries Management (8WA3) | | | Total 32 credit hours |
|---|------|--|------------------------------|
| ESCI | 1130 | Introduction to Fish and Wildlife Management | 3 |
| ESCI | 2060 | Advanced Wildlife Management | 4 |
| ESCI | 2070 | Wildlife Damage | 4 |
| ESCI | 2080 | Wildlife Techniques | 4 |
| ESCI | 2105 | Fisheries Management | 4 |
| ESCI | 2110 | Fisheries Techniques | 4 |
| ESCI | 2130 | Aquaculture | 3 |
| FORS | 1030 | Dendrology | 3 |
| | | Guided Elective | 3 |

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

Technical Competencies:

Physical Demands – Students will be exposed to physical conditions such as lifting and carrying a minimum of 40 pounds and traversing a variety of terrain conditions up to 5 miles a day.

Occupational Hazards – Students enrolled in the program will be performing tasks in an outdoor environment and will be exposed to inclement weather, a variety of temperatures and environmental hazards including bees, snakes and other wildlife.