FSCJ Florida State College at Jacksonville

Environmental Science Technology (2166)

ASSOCIATE IN SCIENCE | College Catalog Year: 2024-25

About the Program

The Associate in Science (A.S.) Degree in Environmental Science Technology prepares students for entry-level positions in the fields of assessment and safety compliance, hazardous materials, and water quality.

This program requires a **minimum of 64 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is eligible** for financial aid.

Program Requirements

Students must fulfill all requirements outlined in the college catalog.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include program graduation requirements.

Students completing this program will also complete nationally-recognized industry certifications, for example: 30HR Occupational Safety and Health Administration (30HR OSHA) General Industry certification, OSHA Confined Space Entry, and Advanced Air Monitoring.

Note: If you are considering employment in a state other than Florida, please visit https://www.fscj.edu/academics/license-disclose to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

Alternative starting or completion points include: Environmental Science Technician (T.C.) and Hazardous Materials Specialist (T.C.).

Additional Information

⇒ **Program Information,** including advisor contact details: https://www.fscj.edu/2166.

⇒ **Associate in Science Degree Information,** including graduation requirements: https://catalog.fscj.edu/academics/degree-certificate-programs/associate-in-science-degrees.

⇒ ***Program Requirements:** https://catalog.fscj.edu/programs/2166.

⇒ **Math Pathways Information**: https://catalog.fscj.edu/academics/math-pathways.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic degree plan. Some courses are offered only once per year; advising is critical for course progression.

See the **Program Requirements for professional elective course options.*

This program includes an **Algebra Through Calculus math pathway.** This pathway is intended for students whose academic program requires a foundation of algebra, followed by a sequence of courses that may lead to calculus.

Term 1

Course	Credits
EVR 1030 - Environmental Compliance	3
General Education Mathematics course	3-5
ENC 1101 - English Composition I **or** ENC 1101C - English Composition I Enhanced	3-4
EVR 1001 - Introduction to Environmental Science	3

Term 2

Course	Credits
EVR 1190 - Environmental Sampling Procedures	3
EVR 2041 - GIS Applications in Natural Resource Management	3
EVR 2613 - Hazardous Materials Emergency Response II	3
EVR 2613L - Hazardous Materials Emergency Response Lab	1
EVS 2026C - Chemistry and Biology of Natural Waters	3

Term 3

Course	Credits
EVR 1264 - Introduction to Industrial Hygiene	3
EVR 1264L - Introduction to Industrial Hygiene Lab	1
AMH 2010 - United States History to 1877 **or** AMH 2020 - United States History from 1877 to the Present **or** POS 2041 - American Federal Government	3
STA 2023 - Elementary Statistics	3
Professional Elective course	3

Term 4

Course	Credits
ENC 2210 - Technical Report Writing	3
BSC 1005 - Life in Its Biological Environment	3
CHM 1025C - Introduction to General Chemistry	4
Professional Elective course	3

Term 5

Course	Credits
EVR 2943 - Environmental Internship	3
GLY 1010C - Physical Geology and Laboratory	4
HUM 2020 - Topics in the Humanities **or** PHI 2010 - Philosophy in the Humanities	3
ESC 1000 - Earth and Space Science	3