

About the Program

The Technical Certificate (T.C.) in Environmental Science Technician prepares students in the dispensing of hazardous materials in accordance with regulations. Students will choose, via elective courses, to focus one of the following tracks: Hazmat Safety and Health or Water Quality Technician. For more information about this program, visit fscj.edu/6022.

Program Requirements

This program requires a **minimum of 30 credit hours**. Total program hours may vary based on the student's individual academic plan. This program is **not eligible** for financial aid.

Students in this program are not required to complete math courses unless they are listed as part of the certificate program. If you plan to pursue the degree program in this same field, please note **this certificate articulates directly into Environmental Science Technology (2166) (A.S.) degree**, which includes an **Algebra Through Calculus math pathway**. To learn more about the Emergency Medical Services (EMS) (A.S.) degree, visit fscj.edu/academics/programs/as/2251. To learn more about the Environmental Science Technology (A.S.) degree, visit fscj.edu/academics/programs/as/2166.

Placement Testing

Please meet with an advisor to determine if college placement testing is required. Students who place into **developmental education courses** are required to complete designated developmental education courses with a grade of C or higher regardless of program of study and are also required to take one of two student success strategies courses. For additional information, visit catalog.fscj.edu/academics/developmental-education-programs or speak with an advisor.

Technical Certificate Graduation Requirements

- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn minimum prescribed semester hours for the chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

Catalog Year

This document is prepared for students with a **2025-26 College Catalog year** who have not tested into developmental education courses. **Students who enter under the 2025-26 catalog** will be assigned to the degree or certificate requirements in effect during the 2025-26 academic year. The student's assigned catalog year will remain in effect as long as the student maintains continuous enrollment. Changes to requirements as mandated by law or by rule of the District Board of Trustees may supersede this provision.

To maintain continuous enrollment, a student must have registration for, and successful completion of, at least one course within a three-term period. After three consecutive terms of no enrollment, the student will be discontinued from the current program of study and will need to apply to FSCJ to reenter under the same program of study. Upon readmission, the student will be assigned to the current catalog of record in the chosen program.

Curriculum

Select one of the following tracks: Hazmat Safety and Health or Water Quality Technician.

Sample Roadmap: Hazmat Safety and Health Track

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students. **Terms Offered** are subject to change. Please verify course availability at fscj.edu/schedules. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Term 1: Fall

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| ☐ EVR 1030 - Environmental Compliance, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |
| ☐ EVR 1933 - Selected Topics in Environmental Science, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |
| ☐ EVR 2630 - Hazardous Materials Risk Analysis, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |

Term 2: Spring

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| ☐ EVR 1190 - Environmental Sampling Procedures, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVR 1640 - Hazardous Materials Regulations I, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVR 2613 - Hazardous Materials Emergency Response II, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVR 2613L - Hazardous Materials Emergency Response Lab, Credit Hours: 1. Terms Offered: Spring. | Grade Earned: _____ |

Term 3: Summer

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| ☐ EVR 1264 - Introduction to Industrial Hygiene, Credit Hours: 3. Terms Offered: Summer. | Grade Earned: _____ |
| ☐ EVR 1264L - Introduction to Industrial Hygiene Lab, Credit Hours: 1. Terms Offered: Summer. | Grade Earned: _____ |
| ☐ EVR 1931 - Selected Topics in Environmental Science, Credit Hours: 1. Terms Offered: Summer. | Grade Earned: _____ |

Term 4: Fall, Spring or Summer

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| ☐ EVR 1001 - Introduction to Environmental Science, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. | Grade Earned: _____ |
| ☐ BCN 2732 - Industrial Safety & Human Factors, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. | Grade Earned: _____ |

Sample Roadmap: Water Quality Technician Track

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students. **Terms Offered** are subject to change. Please verify course availability at fscj.edu/schedules. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Term 1: Fall

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| ☐ EVR 1030 - Environmental Compliance, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |
| ☐ EVS 1193 - Environmental Sampling Techniques: Water Quality, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |
| ☐ EVR 1933 - Selected Topics in Environmental Science, Credit Hours: 3. Terms Offered: Fall. | Grade Earned: _____ |
| ☐ EVR 1001 - Introduction to Environmental Science, Credit Hours: 3. Terms Offered: Fall, Spring, Summer. | Grade Earned: _____ |

Term 2: Spring

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| ☐ EVR 1190 - Environmental Sampling Procedures, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVR 1640 - Hazardous Materials Regulations I, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVS 2026C - Chemistry and Biology of Natural Waters, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |
| ☐ EVR 2613 - Hazardous Materials Emergency Response II, Credit Hours: 3. Terms Offered: Spring. | Grade Earned: _____ |

Term 3: Summer

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| ☐ EVS 1040 - Introduction to Water Resources, Credit Hours: 3. Terms Offered: Summer. | Grade Earned: _____ |
| ☐ EVR 1264 - Introduction to Industrial Hygiene, Credit Hours: 3. Terms Offered: Summer. | Grade Earned: _____ |
| ☐ EVR 1264L - Introduction to Industrial Hygiene Lab, Credit Hours: 1. Terms Offered: Summer. | Grade Earned: _____ |

Course Requirements

Prerequisites, corequisites, and conditions for any course are subject to change. Students must meet the prerequisite and corequisite requirements of any course at the time the student attempts to register for that course. If you have questions about the prerequisites, corequisites, or conditions for a course, please contact any academic advisor.

Professional Courses

Complete all of the following courses.

EVR 1001 - Introduction to Environmental Science, Credit Hours: 3. *State Core course*. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: This course fulfills the General Education Physical Science requirement. **Terms Offered**: Fall, Spring, Summer.

EVR 1030 - Environmental Compliance, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall.

EVR 1190 - Environmental Sampling Procedures, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

EVR 1264 - Introduction to Industrial Hygiene, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: EVR 1264L. **Conditions**: None. **Terms Offered**: Summer.

EVR 1264L - Introduction to Industrial Hygiene Lab, Credit Hours: 1. **Prerequisite(s)**: None. **Corequisite(s)**: EVR 1264. **Conditions**: None. **Terms Offered**: Summer.

EVR 1640 - Hazardous Materials Regulations I, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

EVR 1933 - Selected Topics in Environmental Science, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: This course may be taken twice for credit provided topics are different. **Terms Offered**: Fall.

EVR 2613 - Hazardous Materials Emergency Response II, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

Professional Elective Courses

Complete all courses from the selected track.

Hazmat Safety and Health

BCN 2732 - Industrial Safety & Human Factors, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall, Spring, Summer.

EVR 1931 - Selected Topics in Environmental Science, Credit Hours: 1. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Summer.

EVR 2613L - Hazardous Materials Emergency Response Lab, Credit Hours: 1. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

EVR 2630 - Hazardous Materials Risk Analysis, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall.

Hazmat Safety and Health

EVS 2026C - Chemistry and Biology of Natural Waters, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Spring.

EVS 1040 - Introduction to Water Resources, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Summer.

EVS 1193 - Environmental Sampling Techniques: Water Quality, Credit Hours: 3. **Prerequisite(s)**: None. **Corequisite(s)**: None. **Conditions**: None. **Terms Offered**: Fall.