

Environmental Science Technicians



Top 50 – “Best Careers” U.S. News & World Report

Sources: *The Best Jobs List: Job for a better work*
U.S. News & World Report, May 2010

Environmental Science Technicians (2-year)

29% growth/year

Medium National Pay – **\$40,230**

Annual openings – **10,100 jobs/year/USA**

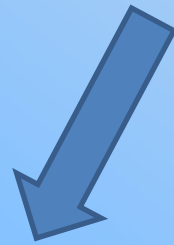


U.S. Department of Labor



FSCJ's Environmental Program Associate in Science Degree (AS)

Two Tracks:



**Hazardous
Materials
Technology**



**Environmental
Assessment
Technology**



HAZMAT TRACK

Your Work:

- Environmental Protection
- Pollution Control
- Analysis and Handling of HAZMATs
- Transportation, Recycling, Disposal of HAZMATs
- Regulation Compliance
- Emergency Response
- Sampling, Equipment Maintenance
- Worker Safety Plans
- Homeland Security Needs

Employers:

- Industry
- Military
- Federal, State, Cities
- Environmental Companies



Environmental Assessment Technology Track

Your Work:

- Setting Up Testing/Sampling Sites
- Sampling/Analysis/Reporting
- Identifying/Qualifying Organisms
- Wetland Analysis
- Endangered Species Work Permitting
- Investigating Polluting
- Water/Soil Analysis



Employers:

- Environmental Companies
- Federal Government, State, Cities
- Military
- Land Companies
- Industry
- Environmental Nonprofits



Personality Type

I like:

- To be outside
- To investigate
- For each day to be different
- To work with facts/ figures
- Enjoy Science/Experiments
- To work alone and in groups
- Enjoy “Hands-on”



AS in Environmental Technology

Curriculum

General Education

- ENC 1101 - English Composition I
- BSC 2050 Biology of Environmental Systems
- HUM 2210 - Humanities: The Foundations
- MAC 1105 - College Algebra
- SYG 2000 - Introductory Sociology

Professional Core

- BSC 2010C - Principles of Biology I
- CGS 1100 – Microcomputer Applications for Business and Economics
- CHM 1025C - Introduction to General Chemistry
- EVR 2940 – Environmental Internship
- ENC 2210 – Technical Report Writing
- PHY 1020C – Physics for Liberal Arts with Lab
- STA 2023 – Elementary Statistics
- ESC1000 – Earth and Space Science
- ESC1000L – Earth and Space Science Lab



Curriculum

Professional Courses

Hazardous Materials Technology Track

Minimum Credit Hours: 15

- BCN 2732 - OSHA Safety
- EVR 1030 - Environmental Compliance
- EVR 1190 - Environmental Sampling Procedures
- EVR 2613 – Hazardous Materials Emergency Response II
- EVR 1640 - Hazardous Materials Regulations I



Curriculum

Professional Courses

Environmental Assessment Technology Track

Minimum Credit Hours: 16

- BSC 2250C – Flora and Fauna of Florida
- EVR 1828 – Environmental Regulation I
- EVS 2026C – Chemistry and Biology of Natural Waters
- BSC 2060C – Field Work, Biology
- GIS 2040 – Mapping/GIS/ Sensing



Curriculum

Professional Electives

- EVR 1958 – Environmental Regulation I
- EVR 1635 - Hazardous Communication Standard
- EVR 1985 - Environmental Pollutants
- HSC 2400 – First Aid / CPR
- GLY 1010C – Physical Geology
- EVR 1190 – Environmental Sampling Procedures
- BSC 2011C – Principles of Biology II
- EVR 2630 – Hazardous Materials Risk Analysis
- CHM 2045C – General Chemistry and Qualitative Analysis



National Science Foundation



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through FSCJ's STEM Grant**



For More Information:

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