

Environmental Science Technology (2166) (A.S.)

RECOMMENDED ROADMAP

This Roadmap is a recommended way to complete this program of study. Course availability is subject to change. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note at the bottom of this page. Part-time students should refer to the Recommended Course Sequence list. Consult an Academic Advisor or the Health Sciences department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

1st Term

Course ID	Course Title	Credit Hours	Grade Earned
1* ENC 1101	English Composition I	3	
MAC 1105	College Algebra (or higher level math)	3	
EVR 1030	Environmental Compliance	3	
EVR 1001	Introduction to Environmental Science	3	

Term Total = 12

3rd Term

Course ID	Course Title	Credit Hours	Grade Earned
CHM 1025C	Introduction to General Chemistry	4	
2* See Note Below	Choose 1 Professional Elective	3	
STA 2023	Elementary Statistics	3	
EVR 2613	Hazardous Materials Emergency Response II	3	
EVR 2613L	Hazardous Materials Emergency Response Lab	1	

Term Total = 14

5th Term

Course ID	Course Title	Credit Hours	Grade Earned
3* SYG 2000	Introductory Sociology	3	
3* PHI 2603	Introduction to Applied Ethics	3	
2* See Note Below	Choose 1 Professional Elective	3	
EVR 2943	Environmental Internship	3	

Term Total = 12

2nd Term

Course ID	Course Title	Credit Hours	Grade Earned
BSC 1005	Life in Its Biological Environment	3	
ENC 2210	Technical Report Writing	3	
EVR 1190	Environmental Sampling Procedures	3	
EVR 1264	Environmental Health	3	
EVR 1264L	Environmental Health Lab	1	

Term Total = 13

4th Term

Course ID	Course Title	Credit Hours	Grade Earned
GYL 1010C	Physical Geology and Laboratory	4	
ESC 1000	Earth and Space Science	3	
EVR 2041	GIS Applications in Natural Resource Management	3	
EVS 2026C	Chemistry and Biology of Natural Waters	3	

Term Total = 13

Total Credit Hours = 64

Program Notes:

1* ENC1101C can be taken in place of ENC1101. Please speak with your advisor for more information.

2* See the professional elective options on the next page or in the catalog at fscj.edu/2166

3* This is the recommended course but there are other options. See the [General Education Requirements](#) at [FSCJ Catalog](#).

- This program cannot be completed entirely online.
- This is a recommended roadmap only. Please note that many of the Environmental Science Technology core courses are offered once per academic year. Careful planning is important. Contact the program office for more information.

Contact the Health Career Advising Center at hcic@fscj.edu • (904) 713-4545

RECOMMENDED COURSE SEQUENCE

This list shows a recommended sequence for completing the courses in this program of study. Course availability is subject to change. **Part-time students** should use this list to determine which courses to take next that fit their schedule. In some cases, a specific course is shown, but there are other options available. To review and consider other courses, see the note on page 1. Consult an Academic Advisor or the Health Sciences department before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

- **ENC 1101** - English Composition I (Credit Hours: 3) - **Prerequisites:** Satisfactory score on the placement test (for non-exempt students only). **See program note 1*.**
- **MAC 1105** - College Algebra (Credit Hours: 3) (**or higher level math**) - **Prerequisites:** MAT 1033 with a grade of “C” or better, or satisfactory score on the placement test
- **EVR 1030** - Environmental Compliance (Credit Hours: 3) - **Prerequisites:** None
- **EVR 1001** - Introduction to Environmental Science (Credit Hours: 3) - **Prerequisites:** None
- **BSC 1005** - Life in Its Biological Environment (Credit Hours: 3) - **Prerequisites:** None
- **ENC 2210** - Technical Report Writing (Credit Hours: 3) - **Prerequisites:** ENC 1101 with a grade of “C” or better.
- **EVR 1190** - Environmental Sampling Procedures (Credit Hours: 3) - **Prerequisites:** None
- **EVR 1264** - Environmental Health (Credit Hours: 3) - **Prerequisites:** None
- **EVR 1264L** - Environmental Health Lab (Credit Hours: 1) - **Prerequisites:** None
- **CHM 1025C** - Introduction to General Chemistry (Credit Hours: 4) – **Corequisites:** MAC 1105 or higher level MAC course or MAP 2302
- **Choose 1 Professional Elective** (See list below) (Credit Hours: 3)
- **STA 2023** - Elementary Statistics (Credit Hours: 3) - **Prerequisites:** MGF 1107 or MGF 1106 or MAC 1105 with a grade of “C” or better.
- **EVR 2613** - Hazardous Materials Emergency Response II (Credit Hours: 3) - **Prerequisites:** None
- **EVR 2613L** - Hazardous Materials Emergency Response Lab (Credit Hours: 1) - **Prerequisites:** None
- **GLY 1010C** - Physical Geology and Laboratory (Credit Hours: 4) - **Prerequisites:** None
- **ESC 1000** - Earth and Space Science (Credit Hours: 3) - **Prerequisites:** None
- **EVR 2041** - GIS Applications in Natural Resource Management (Credit Hours: 3) - **Prerequisites:** None
- **EVS 2026C** - Chemistry and Biology of Natural Waters (Credit Hours: 3) - **Prerequisites:** None
- **SYG 2000** - Introductory Sociology (Credit Hours: 3) - **Prerequisites:** Qualify for enrollment in ENC 1101. **See program note 3*.**
- **PHI 2603** - Introduction to Applied Ethics (Credit Hours: 3) - **Prerequisites:** ENC 1101 or ENC 1101C with a grade of “C” or better. **See program note 3*.**
- **Choose 1 Professional Elective** (See list below) (Credit Hours: 3)
- **EVR 2943** - Environmental Internship (Credit Hours: 3) - **Prerequisites:** None

Professional Electives (6 credit hours required):

- **BCN 2732** - OSHA Safety (Credit Hours: 3) - **Prerequisites:** None
- **EVS 1040** - Introduction to Water Resources (Credit Hours: 3) - **Prerequisites:** None
- **EVS 1193** - Environmental Sampling Techniques: Water Quality (Credit Hours: 3) - **Prerequisites:** None
- **EVR 1640** - Hazardous Materials Regulations I (Credit Hours: 3) - **Prerequisites:** None
- **EVR 1931** - Selected Topics in Environmental Science (Credit Hours: 1) - **Prerequisites:** None
- **EVR 1933** - Selected Topics in Environmental Science (Credit Hours: 3) - **Prerequisites:** None
- **EVR 2630** - Hazardous Materials Risk Analysis (Credit Hours: 3) - **Prerequisites:** None

To view a list of the [General Education Requirements](https://catalog.fscj.edu/), please visit our online catalog: <https://catalog.fscj.edu/>

CAREER OPTIONS

Environmental science was listed in the top 50 “Best Careers” in the U.S. News & World Report (The Best Jobs List, May 2010). It offers you a variety of career opportunities in areas such as environmental protection, wetland analysis, pollution control, hazardous materials, worker safety, emergency response, and homeland security. According to the Bureau of Labor Statistics, employment of environmental scientists and specialists is projected to grow by 19 percent from 2010 to 2020, about as fast as the average for all occupations. Heightened public interest in the hazards facing the environment, as well as the increasing demands placed on the environment by population growth, are expected to spur demand for environmental scientists and specialists.

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