

Degree: Associate of Applied Science
Major: Environmental Science Technology
Division: Social Science

Program Code: (108, ETS.AAS)

Minimum Ret/Grad GPA 2.00
Minimum Total Hours 62

Students are required to complete General Education and Major Requirement courses. Recommended Semester-by-Semester is provided as a guide for a two-year Course Plan outline.

GENERAL EDUCATION REQUIREMENTS..... (19 HOURS)

Communications - 6 hours

- 1. ENGL 1113 Freshman Composition I
- 2. SPCH 1113 Introduction to Speech Communication

U.S. History - 3 hours

- 1. HIST 1483 American History 1492-1865 or HIST 1493 American History 1865-Pr

U.S. Government - 3 hours

- 1. POS 1113 American Federal Government

Mathematics - 3 hours

- 1. MATH-1513 PreCalculus College Algebra

Orientation - 1 hour

- 1. ORI 1111 Freshman Orientation

Computer Science – 3 hours

- 1. CS-1103 Microcomputer Applications

MAJOR REQUIREMENTS.....(43 HOURS)

Required Core Courses (28 credit hours, Select All)

- 1. EST-1013 Environmental Management
- 2. EST-1233 Introduction to Soil Science
- 3. EST-1133 Environmental Compliance Documentation
- 4. EST-1421 Environmental Sciences Internship I
- 5. EST-1433 Environmental Sampling & Analysis
- 6. EST-2103 Introduction to Geographic Information Science
- 7. EST-2422 Environmental Sciences Internship II
- 8. GPS-1214 General Physical Science
- 9. OHS-1313 Introduction to Health & Safety
- 10. OHS-2203 Legal Aspects & Environmental Regulation

Support Courses (15 credit hours, select any per advisor)

- 1. BIO-1114 General Biology
- 2. BOT-1114 General Botany
- 3. BUS-1013 Introduction to Business
- 4. CHEM-1115 General Chemistry I
- 5. GEOG-2243 Fundamental of Human Geography
- 6. GEOL-1014 General Geology
- 7. OSH-2303 Introduction to Hazardous Materials & Waste
- 8. OHS-2403-Principles of Industrial Hygiene
- 9. SOC-1113 Introduction to Sociology
- 10. ZOO-1114 General Zoology



Semester-by-Semester Course Plan

Environmental Science Technology, AAS (108, ETS.AAS)

Course Number – Course Description	Hours
Freshman Year 1 st Semester – Fall	
1) ORI 1111 Freshman Orientation	1
2) ENGL 1113 Freshman Composition I	3
3) EST-1013 Environmental Management	3
4) EST-1233 Introduction to Soil Science	3
5) EST-2103 Introduction to Geographic Information Science	3
6) CS-1103 Microcomputer Applications	3
Total:	16
Freshman Year 2 nd Semester – Spring	
1) SPCH 1113 Introduction to Speech Communications	3
2) HIST 1483 or 1493 American History	3
3) MATH-1513 College Algebra PreCalculus	3
4) EST-1433 Environmental Sampling & Analysis	3
5) EST-1421 Environmental Sciences Internship I	1
6) Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS 2303 or 2403)	3
Total:	16
Sophomore Year 1 st Semester – Fall	
1) GPS 1214 General Physical Science	4
2) POS 1113 American Federal Government	3
3) EST-1133 Environmental Compliance Documentation	3
4) OHS 1313-Introduction to Health & Safety	3
5) Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS 2303 or 2403)	3
Total:	16
Sophomore Year 2 nd Semester – Spring	
1) EST-2422 Environmental Sciences Internship II	2
2) OHS 2203 Legal Aspects and Environmental Regulations	3
3) Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS 2303 or 2403)	3
4) Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS 2303 or 2403)	3
5) Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS 2303 or 2403)	3
Total	14
<i>Graduation Requirements: Minimum 62 cr-hrs, 2.00 Ret/Grad GPA, 15 Resident cr-hrs</i>	
Total Hours: 62	

How to Use this “Semester by Semester Course Plan”: Courses in this semester-by-semester breakdown are listed with several thoughts in mind. Prerequisites are listed first. Science, math, and major coursework are listed in order the course should be taken and in what term the course should be taken. Students should enroll into ORI 1111 and ENGL 1113, and any development courses in the first term. Courses listed in parenthesis are selections from which a student may choose. Enrollment into developmental courses will add to the total credit hour count, and may alter math and science enrollment rotations. -- While this is a guide to help the student with pre-enrollment, a study of the Course Schedule and a visit with an academic advisor is a must.

Estimated Program Cost: Students can complete this degree in four semesters (15-16 per semester).

The estimated cost of this program is approximated at: *62 credit-hours x \$136.50 per credit hour = \$ 8,463.00* (Please know that this cost does not include textbooks, supplies, developmental coursework, and other expenses, and is designed as an ESTIMATE only).

Actual program cost is based on Fall 2023 in-state tuition amounts and the final costs will vary from this estimate.

