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

Program Code: (108, ETS.AAS)

Minimum Ret/Grad GPA 2.00
Minimum Total Hours 62

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 or ORI-1112 Freshman Orientation

Computer Science – 3 hours
1. CS-1103 Microcomputer Applications

MAJOR REQUIREMENTS...43 HOURS

Required Courses in Major - 28 credit hours
1. EST-1013 Introduction to Environmental Science
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

Technical Support Courses - 15 credit hours (Select Five)
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

Notation:
[1]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.

Semester-by-Semester Course Plan
Environmental Science Technology, AAS (108, ETS.AAS)

Course Number – Course Description	Hours
Freshman Year 1st Semester – Fall	
☐ ORI-1111 Freshman Orientation or ORI-1112 Freshman Orientation	1
☐ ENGL-1113 Freshman Composition I	3
☐ EST-1013 Introduction to Environmental Science	3
☐ EST-1233 Introduction to Soil Science	3
☐ EST-2103 Introduction to Geographic Information Science	3
☐ CS-1103 Microcomputer Applications	3
Total:	16
Freshman Year 2nd Semester – Spring	
☐ SPCH-1113 Introduction to Speech Communications	3
☐ HIST-1483 or 1493 American History	3
☐ MATH-1513 College Algebra PreCalculus	3
☐ EST-1433 Environmental Sampling & Analysis	3
☐ EST-1421 Environmental Sciences Internship I	1
☐ Support (BIO-1114, BOT-1114, BUS-1013, CHEM-1115, GEOL-1014, SOC-1113, GEOG-2243, OHS-2303 or 2403)	3
Total:	16
Sophomore Year 1st 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 2nd 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

Graduation Requirements: Minimum 62 cr-hrs, 2.00 Ret/Grad GPA, 15 Resident cr-hrs   **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 $146.00 per credit hour = $ 9,052.00* (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 2024 in-state tuition amounts and final costs will vary from this estimate.