

Applied Science and Technology A.A.S.
Environmental Technology Advising Sequence*

Fall 2024

Student's Name:

Advisor's Name:

Student may need to take the following courses:

- ENGL 098 - Accelerated Writing Skills for ENGL 100
 RDNG 116 - College Reading & Study Skills

- MATH 120 - College Algebra
 MATH 022 - Skills & Support for Technical Math

Course Requirement	Course Title	Credits	Min. Grade	Grade Earned T - Transfer	Semester Completed
FIRST YEAR					
FALL					
BIOL 221	Cell Culture Techniques	1			
BIOT 101 OR FSS 140	Introduction to Biotechnology OR Freshman Seminar - Applied Science and Technology	1			
ENGL 100	Academic Writing I ¹	3	C		
ENVS 101	Introduction to Environmental Science	3			
ENVS 116	Soil Science	3			
ENVT 121	Stream Bioassessment	1			
GEOG 130	Geovisualization: Mapping to Understand	3			
Total Credits		15			
SPRING					
BIOL101 OR BIOL 104	Principles of Biology I OR General Biology I	3			
CHEM 101 OR CHEM 107	Principles of Chemistry I OR General Chemistry I	4			
ENGL101	Academic Writing II	3			
GIS 110	Intro to GIS	3			
MATH 122	Technical Mathematics	3			
Total Credits		16			
SECOND YEAR					
FALL					
BIOL102 OR BIOL105	Principles of Biology II OR General Biology II	3			
BIOL 211 OR ENVS 202	Ecology OR Integrated Pest Management ²	3			
CAPS 121	Introduction to Spreadsheets	1			
CAPS 123	Advanced Spreadsheets	1			
CAPS 131	Introduction to Databases	1			
ENGL103	Report Writing	3			
MATH 200	Statistics	3			
Total Credits		15			
SPRING					
BIOL 119 OR ENVS 141	Botany OR Agroecology	3			
BIOL 216	General Microbiology	4			
ENGL 201 OR ENGL 204 OR ENGL 210	Public Speaking OR Interpersonal Communication OR Intercultural Communication	3			
ENVS 102	Technology and the Environment	3			
SUNY GEN ED Diversity: Equity, Inclusion, and Social Justice Elective		3			
Total Credits		16			
Minimum Credits Required for Graduation: 62					
¹ A student exempted from ENGL 100 must substitute a three-credit Unrestricted Elective, which should be selected in consultation with the student's advisor.					
² ENVS 202, if chosen, is offered only in summer.					
*This sequence of classes fulfills the requirements of the Applied Science and Technology AAS Degree with an emphasis on Environmental Technology					