



ENVIRONMENTAL SCIENCE & RESEARCH ASSOCIATE OF SCIENCE

- Express understanding of scientific knowledge through verbal and written methods
- Demonstrate the scientific method.

Degree Plan

Code	Title	Credits
General Education Requirements		
<i>Communications (9 credits)</i>		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund. of Public Speaking	3
<i>Arts Humanities (3 credits)</i>		
Select an Arts and Humanities general education course (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/arts-humanities/) ¹		3
<i>Social Sciences (3 credits)</i>		
Select a Social Sciences general education course (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/social-sciences/) ¹		3
<i>Math, Science Technology (23 credits)</i>		
CSC 101	Introduction to Computers	3
MTH 107	Precalculus	4
BIO 150	General Biology I/LAB (/Lab)	4
BIO 151	General Biology II/LAB (/Lab)	4
CHM 121	General Chemistry I/LAB (/Lab)	4
CHM 122	General Chemistry II/LAB (/Lab)	4
Institutional Specific (2 Credits)		
FND 106	First Year Exp & Health Living	2
General Education Requirements Subtotal		40
Required Program Core Courses		
BIO 124	Environmental Science	3
BIO 230	Ecology	3
GEO 105	Physical Geology with Lab	4
INT 297	Summer Internship	3
SOI 210	Introduction to Soil Science	3
TES 222	Environmental Law and Conservation Programs	3
TES 199	Intro to Scientific Literature	1
Required Program Core Courses Subtotal		20
Total Credits		60

¹ Denotes Native Studies institutional requirement.

Program Learner Outcomes

Graduates of the UTTC Environmental Science & Research AS degree program will:

- Explain foundational theories of science
- Explain ways in which humans interact with and impact the environment.