

# ENVIRONMENTAL SCIENCE TECHNOLOGY - AAS

Offered at: Bluegrass Community and Technical College

Program Plan Number: 1505077019

Course	Title	Credits
ENG 101	Writing I <sup>1</sup>	3
ENG 102	Writing II <sup>1</sup>	3
MAT 150	College Algebra <sup>1</sup>	3
Select one of the following two options:		3
COM 181	Basic Public Speaking	
COM 252	Introduction to Interpersonal Communication <sup>1</sup>	
Social/Behavioral Science Course <sup>1</sup>		3
Heritage/Humanities Course		3
Select one of the following Digital Literacy course options:		3
CAD 100	Introduction to Computer Aided Design	
CIT 105	Introduction to Computers	
IMD 100	Digital Information & Communication Technologies	
OST 105	Introduction to Information Systems	
Select one of the following Digital Mapping course options:		3
CIT 125	Intro to Digital Maps	
GIS 120	Introduction to Geographic Information Systems	
CHE 170	General College Chemistry I <sup>1</sup>	4
CHE 175	General College Chemistry Laboratory I <sup>1</sup>	1
EST 140	Introduction to Ecology	3
EST 141	Introduction to Ecology Laboratory	1
EST 160	Hydrological Geology <sup>1</sup>	3
EST 161	Hydrologic Geology Lab <sup>1</sup>	1
EST 170	Environmental Sampling Laboratory	2
EST 220	Pollution of Aquatic Ecosystems	3
EST 230	Aquatic Chemistry Laboratory	2
EST 240	Sources and Effects of Air Pollution	4
EST 250	Solid and Hazardous Waste Management	3
EST 260	Environmental Analysis Laboratory	2
EST 270	Environmental Law and Regulation	3
EST 290	Applied Projects in Environmental Science Technology	2
Environmental Science Technology Elective <sup>2</sup>		6-9
<b>Total Credits</b>		<b>64-67</b>

<sup>1</sup> Satisfies General Education requirement for A.S degrees

<sup>2</sup> Environmental Science Technology approved elective list (<https://catalog.kctcs.edu/programs-of-study/aas/environmental-science-technology/#technicalelectivestext>)