

Program Coordinator: Jean Watts

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 Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/environmental-science-technology.aspx>

Student Name:

Student ID:

Students need to be at KCTCS placement levels for all courses

First Semester	Credits	Term	Grade	Prereqs/Notes
ENG 101 Writing I*	3			
EST 150 Introductory Ecology*	4			
MAT 150 College Algebra*	3			Must get a C or better to take CHE 175
BIO 112 Introduction to Biology*	3			
Digital Literacy	3			
Total Semester Credit Hours	16			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ENG 102 Writing II*	3			
COM 181 Basic Public Speaking OR COM 252 Intro to Interpersonal Communications*	3			
CHE 170 General College Chemistry I*	4			
CHE 175 General College Chemistry Lab I*	1			
EST 160 Hydrologic Geology*	3			
EST 161 Hydrologic Geology Lab*	1			
Total Semester Credit Hours	15			

Third Semester	Credits	Term	Grade	Prereqs/Notes
Heritage/Humanities Course	3			
EST 220 Pollution of Aquatic Ecosystems	3			
EST 230 Aquatic Chemistry Lab	2			
EST 240 Sources and Effects of Air Pollution	4			
Social/Behavioral Sciences Course*	3			
Total Semester Credit Hours	15			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
EST 170 Environmental Sampling Lab	2			
EST 250 Solid and Hazardous Waste Mgt	3			
EST 260 Environmental Analysis Lab	2			
EST 270 Environmental Law and Regulation	3			
EST 290 Applied Proj. in Env. Science Tech	2			
Technical Elective	3			
Total Semester Credit Hours	15			
Total Credential Hours	61			

Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.

Advisor Name:

Advisor Signature: _____

Student Name:

Student Signature: _____

Special Instructions:

* Satisfies General Education requirement for A.S degrees

All EST courses are only taught once per year (except for EST 160).

Courses not on the Technical Elective list may be approved at the coordinator's discretion.

Approved Electives (if applicable)

ACH 195	Computer-Aided Drafting I
BTN 101	Introduction to Biotechnology 1
BTN 201	Biotechnology Techniques I 4
BTN 202	Biotechnology Techniques II 4
CAD 100	Intro to Computer Aided Design 3
CET 211	Surveying 4
CHE 180	General College Chemistry II* 4
CHE 185	General College Chemistry Lab II* ..1
CIT 234	Advanced Productivity Software 3
COE 199	Cooperative Education (Internship)1-3
ECO 201	Principles of Microeconomics* ..3
ENG 203	Business Writing 3
ENG 204	Technical Writing ..3
EST 299	Selected Topics in EST ..1-3
GLY 101	Physical Geology* .3
GLY 111	Physical Geology Laboratory* 1
PHY 151	Introductory Physics I* ..3
STA 210	Statistics: A Force in Human Judgement*3