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| Name of Degree/Diploma or Certificate | A.A.S. Environmental Science Technology | | |
| Coordinator Contact Information | Name | Jean Watts | |
| | Office | OB 234B | |
| | Office Phone | 246-6448 | |
| | Email | Jean.Watts@kctcs.edu | |
| Recommended Sequencing | | Courses | Date Complete |
| | First Year, Fall | <ul style="list-style-type: none"> • ENG 101 Writing I 3 • MA 109 College Algebra 3 • BIO 112 Introduction to Biology 3 • BIO 113 Introduction to Biology Lab 1 • EST 150 Introductory Ecology 4 • CIT 105 Introduction to Computing 3 | |
| | First Year, Spring | <ul style="list-style-type: none"> • ENG 102 Writing II 3 • CHE 170 College Chemistry I 3 • CHE 175 Gen. College Chemistry Lab 1 • CIT 130 Productivity Software (formerly Microcomputer Applications) 3 • EST 160 Hydrologic Geology 3 • EST 170 Env. Sampling Laboratory 2 | |
| | First Year, Summer | <ul style="list-style-type: none"> • No EST courses are taught in the summer but other General Education courses for the program can be taken | |
| | Second Year, Fall | <ul style="list-style-type: none"> • Social Interaction Course 3 • COM 181 or 252 Oral Communication 3 • EST 220 Pollution of Aquatic Systems 3 • EST 230 Aquatic Chemistry Laboratory 2 • EST 240 Sources & Effects of Air Pollution 4 • Technical Elective | |
| | Second Year, Spring | <ul style="list-style-type: none"> • Heritage or Humanities Course 3 • EST 250 Solid and Hazardous Waste Management 3 • EST 260 Environmental Analysis Laboratory • EST 270 Environmental Law and Regulation • EST 280 Environmental Trends Seminar • Technical Elective | |
| Notes & Additional Information* | <p>>Given that EST courses are only taught once per year (except EST 160) the above sequence is suggested and the coordinator would be happy to work with individual students.</p> <p>> Completing the math and chemistry requirements as soon as possible will help with getting through the program more quickly.</p> <p>>EST 150 counts as a General Education science course with a lab.</p> <p>>EST 160 counts as a General Education science course.</p> | | |

> Higher level courses will be accepted for listed courses (ex: BIO 150 instead of BIO 112)

>At the discretion of the coordinator, other course work may work to fulfill some or all of the technical elective requirements.

Technical Elective List: A total of 6 credit hours required

>Introductory Computer Aided Drafting Course 3

> CHE 180 General College Chemistry II 3

> CHE 185 General College Chemistry Lab II 1

> CIT 234 Adv. Spreadsheet Applications 3

*Consent of Instructor

> COE 199 Cooperative Education (Internship) 1-3

*12 hrs. in EST and Cum. GPA 2.0

> ECO 201 Principles of Economics I 3

> ENG 203 Business Writing 3

ENG 101 and 102

> EST 225 Freshwater Invertebrates 3

> EST 299 Selected Topics in EST 3

> GEO 210 Pollution, Hazards, and Environmental Mgt. 3

> GIS 110 Spatial Data Analysis 3

> GIS 120 Introduction to Geographic Info Systems 3

*GIS 110 or consent

> GLY 220 Principles of Physical Geology 4

> PHY 151 Introduction to Physics 3

*2 Yr. H.S. Algebra or MA 108

> STA 200 Statistics: A Force in Human Judgment 3