Please see the Courses section of this catalog for complete course descriptions.

| First Year - 31-32 Hours |  |  |  |
| :---: | :---: | :---: | :---: |
| Fall Semester: | Hrs | Spring Semester: | Hrs |
| ESC 1500/1500L: Intro to Environmental Science I/Lab (Natural Science) | 4 | ESC 1510/1510L: Intro to Environmental Science II/Lab (Natural Science) | 4 |
| BIOL 1110/1110L: Principles of Biology I/Lab | 4 | BIOL 1120/1120L: Principles of Biology II/Lab | 4 |
| MATH 1710: Precalculus I | 3 | MATH 1720: Precalculus II | 3 |
| ENME 1011: Intro to 2 \& 3-Dimensional Modeling | 1 | ENME 1850: Intro to Engineering Design | 2 |
| ENGL 1010 or 1011 (Rhetoric and Writing I) | 3-4 | ENGL 1020 (Rhetoric and Writing II) | 3 |
|  | 15-16 |  | 16 |
| Second Year - 32 Hours |  |  |  |
| Fall Semester: | Hrs | Spring Semester: | Hrs |
| CHEM 1110/1110L: General Chemistry I/Lab | 4 | CHEM 1120/1120L: General Chemistry II/Lab | 4 |
| ENCE 2110: Pollution Controls | 4 | BIOL 3060/3070: Ecology/Lab | 4 |
| MATH 1950: Calculus w Analytical Geometry I (Math) | 4 | MATH 1960: Calculus with Analytical Geometry II | 4 |
| FAH: Historical Understanding | 3 | MATH 2200: Elementary Linear Algebra | 3 |
| ENGL 2820: Scientific Writing * | 3 |  |  |
|  | 17 |  | 15 |
| Third Year - 29-30 Hours |  |  |  |
| Fall Semester: | Hrs | Spring Semester: | Hrs |
| ESC 3400/3400L: Env. Survey Methods, 3600: Air/Water Pollution Control, or 4520/4520L: Limnology \& Reservoir Ecology/Lab | 3-4 | GEOG 2210: Maps and Mapping | 3 |
| CHEM 3010/3010L: Organic Chemistry I/Lab | 4 | ENCE 1040: Vector Statics | 3 |
| ENEV 3310: Environmental Process Principles | 3 | MATH 2450: Intro to Differential/Difference Equations | 3 |
| ENME 1030/1030L: Basic Engineering Science/Lab | 4 | FAH: Literature | 3 |
|  |  | Behavioral and Social Science | 3 |
|  | 14-15 |  | 15 |
| Fourth Year - 29 Hours |  |  |  |
| Fall Semester: | Hrs | Spring Semester: | Hrs |
| Approved Senior Experience | 2 | ESC 4100: Environmental Law and Agencies | 3 |
| ENEV 4370: Municipal \& Industrial Waste Management | 3 | ESC 4840: Values and the Environment | 3 |
| ENME 2240: Intro to Engineering Computations | 3 | FAH: Visual and Performing Arts | 3 |
| MATH 2100: Introductory Statistics (Statistics) | 3 | Non-Western Culture | 3 |
| FAH: Thought, Values and Beliefs | 3 | Behavioral and Social Science | 3 |
|  | 14 |  | 15 |

*Students can substitute ESC 4495r (Departmental Thesis) for ENGL 2820
**13-14 hours of 3000-4000 needed within General Education, Senior Experience, or Electives.

| Completed: | Hrs | Degree Requirements: | Hrs |
| :--- | :--- | :--- | :--- |
| Graduation Requirements: |  | $27-28$ General Education Hours |  |
| 120 Total Hours |  | $94-96$ Program (Major) Hours |  |
| 39 Upper Division (3000-4000) Hours* |  | Minor (Not Required) |  |
| 30 Hours at UTC |  | Elective Hours (Not Required) |  |
| 60 Hours at 4-year Institution |  | Foreign Language (Not Required) |  |
|  |  |  |  |

