Bachelor of Science in Environmental Science with a Concentration in Environmental Chemistry (Starting with Calculus)

Required Semester Credit Hours (SCH): 120

Refers to the University Catalog for degree all requirements at catalog.utep.edu. Many core curriculum courses are also offered in the summer (Su). Students are encouraged to register early and check Goldmine for course availability. The flowchart below may not reflect all student schedules; courses can be shifted to different semesters where applicable.

**University Core Curriculum**

- **Freshman Year**
  - First Semester
    - UNIV 1301: Seminar Inquiry (3SCH) (F/Sp)
    - HIST 1301: History of U.S. to 1865 (3SCH) (F/Sp)
    - MATH 1411: Calculus I (4SCH) (F/Sp)
  - Second Semester
    - CHEM 1305 & 1105: General Chemistry & Lab (4SCH) (F/Sp)
    - POLS 2310: Introduction to Politics (3SCH) (F/Sp)

- **Sophomore Year**
  - First Semester
    - RWS 1301: Rhetoric & Composition I (3SCH) (F/Sp)
    - ESCI 1310: Intro to Env Science & Lab (3SCH) (F/Sp)
    - MATH 1312: Calculus II (3SCH) (F/Sp)
  - Second Semester
    - RWS 1302: History of U.S. since 1865 (3SCH) (F/Sp)
    - ESCI 2204: Field Methods in Env Science (3SCH) (F/Sp)
    - STAT 2480: Elementary Stat Methods (3SCH) (F/Sp)
    - PHYS 2320 & 2120: Intro Mechanics & Lab (4SCH) (F/Sp)

- **Junior Year**
  - First Semester
    - ESCI 2105: Env Exp and Research I (3SCH) (F/Sp)
    - ESCI 2201: Environmental Policy and Law (3SCH) (F/Sp)
    - CHEM 3310 & 3110: Analytical Chemistry & Lab (4SCH) (F/Sp)
  - Second Semester
    - MATH 2313: Calculus III (3SCH) (F/Sp)
    - CHEM 3351 & 3151: Physical Chemistry I & Lab (4SCH) (F/Sp)
    - CHEM 4301: Senior Project (3SCH) (F/Sp)

- **Senior Year**
  - First Semester
    - CHEM 2321 & 2221: Organic Chem I & Lab (5SCH) (F/Sp)
    - CHEM 3330: Biochemistry (3SCH) (F/Sp)
    - CHEM 4211 & 4212: Instrum Methods & Lab (4SCH) (F/Sp)
  - Second Semester
    - Upper Division Elective (3SCH) (F/Sp)

**Major and Concentration**

- **Freshman Year**
  - First Semester
    - CHEM 1306 & 1106: General Chemistry & Lab (4SCH) (F/Sp)
  - Second Semester
    - RWS 1301: Rhetoric & Composition II (3SCH) (F/Sp)
    - PSYC 1301: Intro to Psychology (3SCH) (F/Sp)

- **Sophomore Year**
  - First Semester
    - ART 1300: Art Appreciation (3SCH) (F/Sp)
    - PHIL 2306: Ethics (3SCH) (F/Sp)
  - Second Semester
    - POLS 2311: American Gov. and Politics (3SCH) (F/Sp)
    - HIST 1301: History of U.S. since 1865 (3SCH) (F/Sp)

- **Junior Year**
  - First Semester
    - PSYC 1301: Intro to Psychology (3SCH) (F/Sp)
    - RWS 1302: Rhetoric & Composition II (3SCH) (F/Sp)

- **Senior Year**
  - First Semester
    - CHEM 2321 & 2221: Organic Chem I & Lab (5SCH) (F/Sp)
    - COURSE ELECTIVE: (3SCH) (F/Sp)

See University Catalog for degree all requirements at catalog.utep.edu.