Bachelor of Science in Chemistry with a Concentration in 7-12 Physical Science (Starting with Precalculus)

Required Semester Credit Hours (SCH): 120

The sample four-year degree plan below starts with MATH 1508 (Precalculus). MATH 1508 is a prerequisite and does not count toward the required 120 SCH to complete the degree. Refer to the University Catalog for all degree 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.

**Freshman Year**
- **First Semester** (15 SCH)
  - RWS 1301 Rhetoric & Composition I (3SCH) (F)
  - MATH 1508 Precalculus (5SCH) (F/Sp)
  - CHEM 1305 + 1105 General Chemistry I + Lab (4SCH) (F/Sp)
  - SCI 1301 Inquiry to Math and Science (3SCH) (F)

- **Second Semester** (16 SCH)
  - RWS 1302 Rhetoric & Composition II (3SCH) (Sp)
  - COMM 1301 Public Speaking (3SCH) (F)
  - SCI 1306+1106 General Chem II + Lab (4SCH) (F)
  - MATH 2306 Ethics (3SCH) (F)

**Sophomore Year**
- **First Semester** (18 SCH)
  - CHEM 1305 + 1105 General Chemistry I + Lab (4SCH) (F/Sp)
  - ART 1300 Art Appreciation (3SCH) (F/Sp)
  -COMM 1301 Public Speaking (3SCH) (F)
  - CHEM 1306 + 1106 General Chem II + Lab (4SCH) (F)

- **Second Semester** (18 SCH)
  - CHEM 1305 + 1105 General Chemistry I + Lab (4SCH) (F/Sp)
  - ART 1300 Art Appreciation (3SCH) (F/Sp)
  - SCI 1306+1106 General Chem II + Lab (4SCH) (F)
  - MATH 2306 Ethics (3SCH) (F)

**Junior Year**
- **First Semester** (17 SCH)
  - MATH 2313 Calculus III (3SCH) (F)
  - CHEM 2111 & 2112 Organic Chem I + Lab (5SCH) (F)
  - PHYS 2320 & 2120 Introductory Mechanics & Lab (4SCH) (F)

- **Second Semester** (17 SCH)
  - MATH 2313 Calculus III (3SCH) (F)
  - CHEM 2111 & 2112 Organic Chem I + Lab (5SCH) (F)
  - PHYS 2320 & 2120 Introductory Mechanics & Lab (4SCH) (F)

**Senior Year**
- **First Semester** (17 SCH)
  - MATH 2313 Calculus III (3SCH) (F)
  - CHEM 2111 & 2112 Organic Chem I + Lab (5SCH) (F)
  - PHYS 2320 & 2120 Introductory Mechanics & Lab (4SCH) (F)

- **Second Semester** (6 SCH)
  - RED 3342 Content Area Literacy (3SCH) (F)

**Sample Degree Plan**
- Required Semester Credit Hours (SCH): 120
- Bachelor of Science in Chemistry with a Concentration in 7-12 Physical Science (Starting with Precalculus)

*Note:* The sample four-year degree plan below starts with MATH 1508 (Precalculus). MATH 1508 is a prerequisite and does not count toward the required 120 SCH to complete the degree. Refer to the University Catalog for all degree 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.

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**Required Semester Credit Hours (SCH): 120**

- Bachelor of Science in Chemistry with a Concentration in 7-12 Physical Science (Starting with Precalculus)

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**Sample Degree Plan**

- Required Semester Credit Hours (SCH): 120
- Bachelor of Science in Chemistry with a Concentration in 7-12 Physical Science (Starting with Precalculus)

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C or better required.

Arrow indicates a prerequisite.

Color-coded boxes group the course subject.

F/Sp/Su indicates the semesters Fall/Spring/Summer.

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Last Updated: February 2022