Bachelor of Science in Mathematics (Starting with Precalculus)

Required Semester Credit Hours (SCH): 120

The sample four-year degree plan below starts with MATH 1508 (Pre-Calculus). 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.

**University Core Curriculum**

**Freshman Year**
- First Semester (15 SCH)
  - RWS 1301: Rhetoric and Composition I (F/S)
  - HIST 1301: History of U.S. to 1865 (F/S)
- Second Semester (17 SCH)
  - RWS 1302: Rhetoric and Composition II (F/S)
  - MATH 1508: Pre-Calculus (F/S)

**Sophomore Year**
- First Semester (16 SCH)
  - POLS 2310: Introduction to Politics (F/S)
  - PHYS 2320 & 2120: Intro Mechanics & Lab (F/S)
- Second Semester (16 SCH)
  - MATH 1411: Calculus I (F/S)
  - PHYS 2321 & 2121: Intro Electro & Lab (F/S)

**Junior Year**
- First Semester (15 SCH)
  - MATH 1312: Calculus II (F/S)
  - MATH 2313: Calculus III (F/S)
- Second Semester (12 SCH)
  - MATH 2300: Discrete Mathematics (F/S)
  - MATH 2326: Differential Equations (F/S)

**Senior Year**
- First Semester (15 SCH)
  - MATH 2325: Intro to Higher Mathematics (F/S)
  - MATH 3325: Principles of Mathematics (F/S)
- Second Semester (16 SCH)
  - MATH 3326: Linear Algebra (F/S)

**Electives/Minor**
- RWS 3359: Technical Writing (F/S)
- Minor (13 SCH)

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**Prerequisite:** RWS 1302

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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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