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**
  - RWS 1301: Rhetoric and Composition I (3 SCH)
  - RWS 1302: Rhetoric and Composition II (3 SCH)
  - HIST 1301: History of U.S. to 1865 (3 SCH)
  - HIST 1302: History of U.S. since 1865 (3 SCH)
  - MATH 1508: Pre-Calculus (5 SCH)
  - CHEM 1305 + 1105: General Chemistry I + Lab (4 SCH)
  - CHEM 1306 + 1106: General Chemistry II + Lab (4 SCH)

- **Required Courses**
  - MATH 1411: Calculus I (4 SCH)
  - MATH 1312: Calculus II (3 SCH)
  - MATH 2313: Calculus III (3 SCH)
  - MATH 3325: Principles of Mathematics (3 SCH)
  - MATH 2326: Differential Equations (3 SCH)
  - MATH 2300: Discrete Mathematics (3 SCH)

- **Upper-Division Math Elective**
  - STAT 3330: Probability (3 SCH)
  - MATH 3335: Applied Analysis (3 SCH)
  - MATH 4325: Modern Algebra (3 SCH)
  - RWS 3359: Technical Writing (4 SCH)

- **Electives/Minor**
  - Upper-Division Math Elective (3 SCH)
  - Elective (3 SCH)
  - Minor (3 SCH)

* C or better required.
Arrow indicates a prerequisite. Color-coded boxes group the course subject.
F/Sp/Su indicates the semesters Fall/Spring/Summer.