Bachelor of Science in Electrical Engineering (Starting with Precalculus)

**Required Semester Credit Hours (SCH): 128**

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.

Refer to the University Catalog for all degree requirements at Catalog Year 2022-2023.

Last Updated: January 2022

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### University Core Curriculum

- **Math Courses**
  - MATH 1310: Precalculus
  - MATH 1312: Calculus II

- **Major Courses**
  - EE 1310: Intro to Elect Eng
  - EE 2369: Digital Sys Design I
  - EE 2372: Software Design I
  - EE 2351: Electric Circuits I
  - EE 2151: Lab for EE 2351

- **Discrete Time Signals and Systems**
  - EE 3325: App-Qntm Mech for EE
  - EE 3329: Fund of Semi-cond Dev

- **Electrical Engineering Option Courses**
  - EE 3195: Jr Professional Orientat
  - EE 3304: Electronics II
  - EE 3340: Option Course
  - EE 3384: Option Course

**Program Goals**

- Program Learning Outcomes
- Professional Option
- Other prerequisite options: MATH 1312, CS 1320, CS 2320

**Electives**

- Science or Math Elective
- Other prerequisite options: MATH 1312, CS 1320