Bachelor of Science in Engineering Innovation and Leadership (Electrical Engineering Concentration Starting with Precalculus)

Required Semester Credit Hours (SCH): 125

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.

Required Semester Credit Hours (SCH): 125

Bachelor of Science in Engineering Innovation and Leadership (Electrical Engineering Concentration Starting with Precalculus)

Foundational University Core Curriculum*

Engineering Leadership Major

Math/Science

Freshman Year

First Semester

SCH: 3-5

MATH 1411 - Calculus I

Second Semester

SCH: 3-5

MATH 1312 - Calculus II

Sophomore Year

First Semester

SCH: 3-5

MATH 2313* - Differential Equations

Second Semester

SCH: 3-5

MATH 2326* - Matrix Algebra

Junior Year

First Semester

SCH: 4

EE 2353 - Cont. Time Sig. & Sys.

Second Semester

SCH: 3

EE 2369 & 2169 - Digital Design I & Lab

Senior Year

First Semester

SCH: 3

EE 4396* - CD II: Develop & Evaluation

Second Semester

SCH: 3

EE Upper Division Elective

Summer

SCH: 0

Professional Practice II

Note: SCH Not counted in total degree required semester credit hours.

* C or better required.

** SCH Not counted in total degree required semester credit hours.

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

A prerequisite indicates an arrow point downward.

Sample Degree Plan

Catalog Year 2022-2023

Last Updated: January 2022