The flowchart below may not reflect all student schedules; courses can be shifted to different semesters where applicable. 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.utep.edu.

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**Foundational Math/Science**

- **Freshman Year**
  - First Semester (3-5 SCH**)
    - MATH 1411 Calculus
    - CHEM 1305 General Chemistry
  - Second Semester (16 SCH)
    - MATH 1312* Calculus II
    - CS 1301/1101 Introduction to Computer Science & Lab

**Engineering Leadership Major**

- **Freshman Year**
  - First Semester (16 SCH)
    - MATH 1310
    - MATH 1508
  - Second Semester
    - Precalculus
      - or
    - RWS 1301
    - PHYS 2420
  - Third Semester
    - RWS 1302
    - PHYS 2421
    - HIST 1301
    - MME 2434

**University Core Curriculum***

- **Freshman Year**
  - History of U.S. to 1865
    - MATH 1508
    - MATH 1310
  - First Semester
    - Rhetoric and Comp. I
    - Engr Innovation & Lead
  - Second Semester
    - Rhetoric and Comp. II
    - Found of Lead Design & Introductory Mechanics
  - Third Semester
    - Calculus
    - Graphic Modeling and Simulation
    - Introduction to Politics

**Required Semester Credit Hours (SCH): 125**

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

** Catalog Year 2021-2022 **

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* C or better required.

Catalog Year 2021-2022 Sample Degree Plan

April 2021