**PRE-ENGINEERING MAJOR (2024-2025)**

**FALL (16 hrs)**

- **◊ EGR 1101** NEW STUDENT EXPERIENCE
  - **β EGR 1301** INTRO
  - **β EGR 1302** ANALYSIS
  - **MTH 1321** CAL 1
  - **MTH 1322** CAL 2
  - **CHE 1301** CHEMISTRY
  - **REL 1310** SCRIPTURES
  - **ENG 1310** WRITING
  - **CHA 10XX** CHAPEL

**SPRING (16 hrs)**

- **MTH 2321** CAL 3
  - **MTH 2325** ODE
  - **PHY 1420** PHYSICS 1
  - **PHY 1430** PHYSICS 2
  - **GTX 2301 or GTX 2302**
  - **REL 1350** HERITAGE
  - **ENG 1310** WRITING
  - **CHE 1301** CHEMISTRY
  - **CHA 10XX** CHAPEL
  - **PSC 1387** or option to take ENG 2301 instead
  - **FOREIGN LANGUAGE & CULTURE DL**
  - **STATISTICS**

**GENERAL COURSES NEEDED FOR ALL ENGINEERING MAJORS**

- **◊ MTH 2311** LINEAR ALGEBRA
- **◊ CSI 1401** INTRO PROGRAM I
- **◊ CSI 1430** INTRO TO CSI
- **◊ LF 11XX** FITNESS
- **◊ STA 3381** STATISTICS
- **◊ MTH 3325** ODE
- **◊ MTH 2311** LINEAR ALGEBRA

**NOTES:**

- This flowchart is meant to be an advising tool. The Baylor Undergraduate Catalog is the student’s final authority on all degree requirements. A ‘C’ or better must be earned in all courses in your major, as well as any math/science prerequisites for major courses.

- **Prerequisite**
  - **Prerequisite or concurrent enrollment**
  - **Must complete course with a grade of “B” or better to move into the degree-granting majors**

- **ECS 2101 and select leadership courses may fulfill one of the Lifetime Fitness requirements**

- **Course offered only in semester indicated**
  - **PSC 1387 or option to take ENG 2301 instead**

- **Required for ECE majors**
  - **Required for EGR majors**

- **Not required of all students**