MINOR IN ENGINEERING

REQUIREMENTS: 21 HOURS

6 hours of Introductory courses:
- EGR 1301 – Intro to Engineering
- EGR 1302 – Engineering Analysis

6 hours* of sophomore-level courses:
- ME 2320 – Statics
- ME 2321 – Dynamics
- ME 2345 – Thermodynamics
- ELC 2330 – Circuits
- ELC 2337 – Digital Logic Design

9 hours of upper-level courses ("3000" or "4000" level)

*The sophomore-level courses you select will depend on the upper-level courses you choose to take.

NOTES:
- Must qualify for the Pre-Engineering major in order to declare the Engineering minor. (Incoming students must be eligible for MTH 1321. Current students must have a 3.0+ Baylor cumulative GPA, strong grades in math/science, and eligibility for MTH 1321.)
- Must meet all prerequisites for engineering courses, which will typically include MTH 1321, MTH 1322, PHY 1420, and PHY 1430. Depending on upper-level courses selected, students may also need MTH 2311, MTH 2321, and/or MTH 3325.
- Must earn a 'B' or better in EGR 1301 and EGR 1302 to continue with minor.
- Must earn a 'C' or better in all other courses for the minor.
- It is common among ECS courses to only have one section option per semester (or sometimes even one per year), which may create conflicts with other required classes.
- Courses that will not count toward the minor: EGR 3305, EGR 3315, EGR 3380, EGR 4301, EGR 4390
- Typical offering schedule:
    - EGR 1301: Summer & Fall
    - EGR 1302: Summer, Fall, Spring
    - ME 2320: Fall only
    - ME 2321: Spring only
    - ME 2345: Summer, Fall, Spring
    - ELC 2330: Summer, Fall, Spring
    - ELC 2337: Fall & Spring

Questions? Contact:
John Hewitt, Coordinator of Advising & Special Programs
John_Hewitt@baylor.edu