

# MINOR IN ENGINEERING

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## REQUIREMENT: 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 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 a C or better MTH 1321, MTH 1322, PHY 1420, and PHY 1430. Depending on upper-level courses selected, students may also need a C or better in 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. For this reason, we recommend reserving at least six semesters to complete the minor.
- Courses that will not count toward the minor include: EGR 3305, EGR 3315, EGR 3380, EGR 4301, EGR 4390

### **Questions? Contact:**

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