Civil Engineering

**ENGINEERING**
- **CE 106:** Introduction to Civil Engineering
- **CE 107L:** Introduction to Civil Engineering Graphics
- **CE 108:** Introduction to Computer Methods in Civil Engineering
- **CE 119:** Probability Concepts & Civil Engineering
- **CE 215:** Statics & Dynamics
- **CE 225:** Mechanics of Deformable Bodies
- **CE 309:** Elementary Theory of Structures
- **CE 408:** Risk & Decision Analysis in Civil Engineering
- **CE 451:** Water Resources & Coastal Engineering
- **CE 453:** Water Quality Science & Engineering
- **CE 456:** Structural Design I
- **CE 467L:** Geotechnical Engineering
- **CE 471:** Principles of Transportation Engineering
- **CE 480:** Civil & Environmental Engineering Capstone Design
- **ENGR 102:** Engineering Freshman Academy
- **ISE 460:** Engineering Economy
- **CE, ENGINEERING, & DESIGN ELECTIVES:** Specialized upper division courses you choose for your major/specialization.

**MATHEMATICS**
- **MATH 126:** Calculus II
- **MATH 226:** Calculus III
- **MATH 245:** Mathematics of Phys. & Engr.

**SCIENCE**
- **CHEM 105aL:** General Chemistry
- **GEOL 305L:** Intro. to Engineering Geology
- **PHYS 151L:** Mechanics & Thermodynamics
- **PHYS 152L:** Electricity & Magnetism

**GENERAL EDUCATION**
As a USC Viterbi student your General Education (Gen Ed) curriculum will include courses in the Arts, Humanistic Inquiry and Social Analysis.

**WRITING**
- **WRIT 150:** Writing & Critical Reasoning
- **WRIT 340:** Advanced Writing

**ELECTIVES**
Your optional electives are one way to build engineering+ into your curriculum by choosing classes of interest to you.

Courses with this symbol may be satisfied with certain AP, IB or A-Level exams. With each requirement you replace with prior credit, you increase your optional electives, creating more flexibility for you to pursue additional electives and increase your engineering+ education.