**Technical Electives**

- **Physics III**
  - PHYS 113

- **Chemistry**
  - CHEM 125

- **Electrical Power Engineering Fundamentals**
  - EE 201 (does not cover EE 251 lab)
  - EE 202 (does not cover EE 251 lab)

- **Electric Power Generation**
  - EE 255 & 259/ Tech elective

- **Electronics Engineering Fundamentals**
  - X
  - EE 321 & 362

- **Power Electronics in Energetic Systems**
  - X
  - EE 321

- **Strength of Materials or Elasticity**
  - X
  - X
  - X
  - CE 204

- **Elasticity and Strength of Materials**
  - X
  - X
  - X
  - X
  - CE 207

- **Numerical Computing**
  - X
  - X
  - CSC 231

- **Mechanics of Structures**
  - X
  - X
  - X
  - ME 211

- **Mechanical Engineering**
  - X
  - X
  - X
  - X
  - X
  - ME 212

- **Engr Fluid Mechanics or Fluid Mechanics I**
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - ME 341, ENVE 264

- **Intro To Fluid Mechanics**
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - ME 341

- **Thermal Engineering**
  - X
  - X
  - X
  - X
  - X
  - ME 302, ENVE 204

- **Roads & Airports**
  - X
  - CE 312 & 322

- **Computer Architecture**
  - X
  - X
  - CPE 315

- **Materials Science and Engineering**
  - X
  - X
  - X
  - X
  - X
  - X
  - X
  - MATE 210 (does not cover 215 lab)

- **Chemical Basis of Engineering or Chemistry**
  - X
  - CPE 325

- **Computer Networks**
  - X
  - X
  - CSC Tech Elective

- **Energy Demand Mgmt & Risk Mgmt in Non-Financial Companies**
  - X

- **Markets and Environment**
  - X

- **Economics (Nuclear or Energy or Market)**
  - X
  - Technical Electives

- **Regulation of Energy Markets & Cost**
  - Benefit Analysis
  - X
  - Technical Electives

- **Intro to Engineering Management**
  - X
  - X
  - X
  - Technical Electives

- **Project Management**
  - X
  - Technical Elective (Cat. A/B)

- **Heuristics and Optimization**
  - X
  - Technical Elective (Cat. A/B)

- **Data Bases and Data Modeling**
  - X
  - IME 356 or Tech Elec (Cat. A/B)

- **Operations & Supply Chain**
  - X
  - IME 312

- **Methods for Quality Control**
  - X
  - IME 417

- **Modern Theory of Detection & Estimation**
  - X
  - Technical Elective (Cat. A/B)

- **Organizational Design**
  - X
  - Technical Elective (Cat. A/B)

- **Big Data and Business Analytics**
  - X
  - IME 372 or Tech Elec (Cat. A/B)

- **Marketing and Sales Management**
  - X
  - Technical Elective (Cat. A/B)

- **Business Model and Design Thinking**
  - X
  - Technical Elective (Cat. A/B)

- **Data Analytical Techniques for Business**
  - X
  - Technical Elective (Cat. A/B)

- **Access Networks & Shared Media**
  - X
  - Technical Elective (Cat. A/B)

- **Perception Systems**
  - X
  - Technical Elective (UD)

- **Aerospace Materials I**
  - X
  - Tech. Elec. or TBE (LD)

- **Intro. To Engineering Management**
  - X
  - Tech. Elec. or TBE (LD)

- **Robotics**
  - X
  - CSC Science Elective

- **Biochemistry**
  - X
  - X
  - BIO 181

- **Anatomy & Physiology I**
  - X
  - X
  - BIO 231

- **Medical Physiology I**
  - X
  - BIO 231

- **Intro to Biomedical Imaging**
  - X
  - Approved Support Elective

- **Statistics**
  - X
  - X
  - X
  - STAT 312* (not for UD B or B6)

- **Benchmarking & Assessment of Building Energy**
  - X
  - X
  - Technical Elective

*Credit approved for STAT 312 Support course not for GE UD B. Students must still complete another UD B at Cal Poly.
* Check your major concentration or electives
* Note these courses are offered in Spanish
* Students can complement their engineering course load with a variety of GE credit, including: C1, C2, UD C, D2, & UD D
* For pre-approved courses, please visit: