# ENGINEERING MINOR

## Minor Requirements

23-25 credits

| Code | Title | Credits |
|---|---|---|
| PHYS 210 | INTRODUCTION TO MECHANICS | 4 |
| or CHEM 210 | GENERAL CHEMISTRY | |
| PHYS 211 | INTRODUCTION TO ELECTROMAGNETISM | 4 |
| or CHEM 211 | GENERAL CHEMISTRY | |
| ENGR 201 | INTRODUCTION TO ENGINEERING | 3 |
| IDST 387 | INTERDISCIPLINARY CAPSTONE INTERNSHIP | 2 |
| or PHYS 386 | RESEARCH METHODS AND INSTRUMENTATION | |
| Select one of the following courses (may not be used to fulfill a major requirement) | | 4 |
| ECON 210 | PRINCIPLES OF ECONOMICS | |
| DATA 135 | FAIRNESS AND RESPONSIBILITY IN DATA SCI | |
| LEAD 250 | LEADERSHIP AND ETHICS ACROSS DISCIPLINES | |
| Select two of the following courses (may not be used to fulfill a major requirement) | | 6-8 |
| ENGR 252 | ENGINEERING STATICS AND DYNAMICS | |
| ENGR 253 | STRENGTH OF MATERIALS | |
| ENGR 303 | INTRODUCTION TO MATERIALS SCIENCE | |
| ENGR 315 | CIRCUITS AND ELECTRONICS I | |
| ENGR 316 | CIRCUITS AND ELECTRONICS II | |
| CHEM 321 | ORGANIC CHEMISTRY | |
| CHEM 322 | ORGANIC CHEMISTRY | |
| CHEM 335 | QUANTITATIVE ANALYSIS | |
| CHEM 340 | INSTRUMENTAL METHODS OF ANALYSIS | |
| CHEM 350 | INORGANIC CHEMISTRY I | |
| CHEM 361 | PHYSICAL CHEMISTRY I | |
| CHEM 440 | BIOCHEMISTRY | |
| **Total Credits** | | **23-25** |

Courses must be completed with a grade of C- or better to count toward the minor.

Students wishing to pursue engineering after graduation are encouraged to seek advice from a faculty member in the physics department as soon as possible.