

ENGINEERING SCIENCE
#2180
Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

| SEMESTER I | | | SEMESTER II | | |
|----------------------------------|--------------|----------------|--------------------------------------|--------------|----------------|
| | | CREDITS | | | CREDITS |
| English Composition I | ENG 111 | 3 | English Composition II | ENG 112 | 3 |
| General Chemistry I – Lecture | CHM 125 | 3 | Analytic Geometry & Calculus II | MAT 132 | 4 |
| General Chemistry I – Lab | CHM 126 | 1 | Engineering Physics I | PHY 130 | 4 |
| Analytic Geometry & Calculus I | MAT 131 | 4 | Humanities/Social Science Elective | | 3 |
| Introduction to Engineering | ENR 130 | 1 | Restricted Engineering Elective | | <u>3</u> |
| Engineering Graphics | ENR 121 | <u>2</u> | | | |
| | TOTAL | 14 | | TOTAL | 17 |
| SEMESTER III | | | SEMESTER IV | | |
| Engineering Physics II – Lecture | PHY 133 | 4 | Ordinary Differential Equations | MAT 244 | 4 |
| Engineering Physics II – Lab | PHY 134 | 1 | Engineering Mechanics II | ENR 224 | 3 |
| Calculus III | MAT 230 | 4 | Humanities Elective | | 3 |
| Engineering Mechanics I | ENR 223 | 3 | General Chemistry II – Lecture* | CHM 127 | 3 |
| Principles of Economics I | ECO 211 | <u>3</u> | General Chemistry II – Lab OR | CHM 128 | <u>1</u> |
| | | | Engineering Physics III Lecture | PHY 232 | |
| | | | Engineering Physics III Lab | PHY 233 | |
| | TOTAL | 15 | | TOTAL | 14 |

HUMANITIES ELECTIVES: Please see the approved General Education course list under the Humanities section.

HUMANITIES/SOCIAL SCIENCE ELECTIVES: Please see the approved General Education course list under Humanities/Social Science sections.

GENERAL EDUCATION: [Click here for the most recent General Education course list.](#)

RESTRICTED ENGINEERING ELECTIVE: See your advisor for course selection. Choices include ENR 125 Computer Programming for Engineers, ENR 222 Mechanics of Solids, ENR 235 Engineering Circuit Analysis I, ENR 236 Engineering Circuit Analysis Laboratory I.

HONORS COURSES: You may be eligible to take honors courses. Discuss this option with your Academic Advisor.