BSE – Electrical Engineering (EENG) Concentration

**FRESHMAN**

- ENGR 1012 (2) Engineering Graphics
- ENGR 1016 (2) Intro to Engr Design
- ENGR 2050 (3) Computer Applications in Engineering
- ENGR 2000 (1) Intro to Engineering

**SOPHOMORE**

- ENGR 2022 (3) Statics
- ENGR 2450 (3) Dynamics
- ENGR 2514 (4) Circuit Analysis
- ENGR 2500 (1) Design/PM 1

**JUNIOR**

- ENGR 2070 (3) Materials and Processes
- MATH 2152
- PHYS 2350
- CHEM 1150
- ENGR 2514 (4) Digital Circuits
- EENG 2410 (3) AC Circuits
- MATH 3307 (3) Engineering Statistics

**SENIOR**

- ENGR 3040 (2) Microprocessors
- ENGR 3000 (2) Design/PM 2
- ENGR 3012 (4) Power Systems
- ENGR 3050 (3) Sensors, Measurements and Controls
- ENGR 3800 (3) Quality Ctrl for Engr

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**Classes shown in bold outline contain a lab component**

**Math/Science**

- MATH 2151 (3) Calculus I
- MATH 2152 (3) Calculus II
- MATH 2153 (3) Calculus III
- MATH 2154 (4) DEQ and Linear Algebra
- PHYS 2350 (4) University Physics I
- PHYS 2360 (4) University Physics II
- CHEM 1150/1151 (4) General Chemistry
- BIOL 1050/1051 or 1100/1101 (4) General Chemistry

**General**

- ENGL 1100 (3) Composition
- ENGL 2201 (3) Writing About the Disciplines
- ENGR 1000 (1) Intro to Engineering
- ENGR 1016 (2) Intro to Engr Design
- ENGR 2202 (3) Statics
- ENGR 2450 (3) Dynamics
- ENGR 2514 (4) Circuit Analysis
- ENGR 2500 (1) Design/PM 1
- MATH 2152
- PHYS 2350
- CHEM 1150
- ENGR 2514 (4) Digital Circuits
- EENG 2410 (3) AC Circuits
- MATH 3307 (3) Engineering Statistics

**Dotted line denotes minimum Grade = C**

**Note:** This chart is for planning purposes only. Consult your advisor and the catalog to ensure that all requirements are met.