**ELECTRICAL ENGINEERING**

**FRESHMAN FALL**
- **ECE 1400** Computer Programming 1 (4 CR, FSpSu)
- **MATH 1210** Calculus 1 (4 CR, FSpSu)
- **GENERAL EDUCATION** Breadth Course (BHU) (3 CR, FSpSu)
- **GENERAL EDUCATION** Breadth Course (BCA) (3 CR, FSpSu)
- **GENERAL EDUCATION** Breadth Course (BAI) (3 CR, FSpSu)

**TOTAL CREDITS** 17

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**JUNIOR FALL**
- **ECE 1410** Computer Programming 2 (3 CR, FSpSu)
- **ECE 2700** Digital Circuits (4 CR, FSp)
- **MATH 1220** Calculus 2 (4 CR, FSpSu)
- **PHYS 2210** Physics 1 (4 CR, FSpSu)
- **PHYS 2215** Physics 1 Lab (1 CR, FSpSu)

**TOTAL CREDITS** 16

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**SOCIAL FALL**
- **ECE 2250** Electrical Circuits 1 (3 CR, FSpSu)
- **MATH 2210** Multivariable Calculus (4 CR, FSp)
- **MATH 2270** Linear Algebra (3 CR, FSpSu)
- **PHYS 2220** Physics 2 (3 CR, FSpSu)
- **PHYS 2225** Physics 2 Lab (1 CR, FSpSu)

**TOTAL CREDITS** 17

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**FRESHMAN SPRING**
- **ECE 2290** Electrical Circuits 2 (3 CR, FSp)
- **ENGL 2010** Intermediate Writing (3 CR, FSp)
- **MATH 2280** Ordinary Diff. Equations (3 CR, FSp)
- **GENERAL EDUCATION** Breadth Course (BLS) (3 CR, FSpSu)

**TOTAL CREDITS** 17

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**SOPHOMORE SPRING**
- **ECE 3620** Continuous-Time Sys. & Sig. (4 CR, F)
- **ECE 3640** Discrete-Time Sys. & Sig. (4 CR, FSp)
- **ECE 3810** Engineering Professionalism (1 CR, FSp)
- **ENGR 3080** Technical Communication (3 CR, FSp)
- **MATH 3710** Introduction to Probability (3 CR, FSp)
- **GENERAL EDUCATION** Breadth Course (DHA) (2 CR, FSpSu)

**TOTAL CREDITS** 15

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**TOTAL CREDITS REQUIRED** 125
Any discrepancy between this chart and the 2021-22 General Catalog is resolved in favor of the General Catalog.

* Required for admission to Professional Program.

Apply for Professional Program after Year 2