**Engineering Physics**

*Typical Sequence of Courses*

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**Freshman**

- MATH 51 (A) or CME 100 (A)
- MATH 52 (W) or CME 102 (W)
- MATH 53 (S) or CME 104 (S)
- PHYS 45+46 (A) or PHYS 61+62 (A)
- PHYS 41+42 (W) or PHYS 63+64 (W)
- PHYS 43+67 (S) or PHYS 65+67 (S)
- ENGR Fundamental

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**Sophomore**

- MATH 131P (A,W)
- EE 261 (A,S,Su) or PHYS 112 (W) or CS 109 (W,S,Su) or CME 106 (W,Su)
- PHYS 70 (A) (only if taking PHYS 40 series)
- EE 142 (A) or PHYS 120 (W)
- EE 242 (W) or PHYS 121 (S)
- Engineering Fundamentals
- Electronics
  - ENGR 40 (W) or EE 101B (S) or EE 122A (A) or PHYS 105 (A) or APPPHYS 207 (S)

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**Junior/Senior**

- EE 222 (A) or PHYS 130 (W)
- EE 223 (W) or PHYS 131 (S)
- Writing in the Major (WIM)
  - AA 190 or BIOE 131 or CS 181W or EE 134 or EE 155
  - ENGR 199W or MATSCI 161 or 164 or ME 112 or ME 131A and 140 or PHYS 107
- Numerical Methods
  - APPPHYS 215 (S) or CME 108 (W,Sum) or CME 206/ME 300C (S) or CME 206(S) or PHYSICS 113 (A)
- Engineering Fundamentals
- Advanced Mechanics
  - AA 242A (A) or ME 333A (A) or PHYS 110 (A)

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**Choose three courses from one specialty area**

- Aerospace Physics
- Biophysics
- Computational Science
- Electromechanical System Design
- Energy Systems
- Materials Science
- Photonics
- Renewable Energy
- Other Specialty (approved by major advisor and by petition)