

College of Engineering, Forestry, and Natural Sciences

Physics Bachelor of Science

2016-2017 Undergraduate Catalog

Progression Plan-Classic

Sample Progression Plans are for planning purposes

| only; see | the catalog | for officia | l details. |
|-----------|-------------|-------------|------------|
| | | | |

| Year 1 - Fall | |
|----------------------------------|---|
| PHY 171 * or PHY 161 | 5 |
| MAT 136 Calculus I | 4 |
| PHY 103 First-Year Seminar | 1 |
| Liberal Studies and/or Diversity | 3 |
| Liberal Studies and/or Diversity | 3 |

| Year 2 - Fall | |
|----------------------------------|---|
| PHY 263 University Physics III | 3 |
| MAT 238 Calculus III | 4 |
| Liberal Studies and/or Diversity | 4 |
| General Elective Course | 3 |
| General Elective Course | 1 |

| Year 3 - Fall | |
|---------------------------------------|---|
| PHY 301 Methods Of Analytical Physics | 3 |
| PHY 321 Mechanics I | 3 |
| Liberal Studies and/or Diversity | 3 |
| General Elective Course | 3 |
| General Elective Course | 3 |

| Year 4 - Fall | |
|--------------------------------------|---|
| PHY 498C Senior Seminar | 3 |
| PHY 485C Undergraduate Research | 2 |
| PHY 471 Quantum Mechanics | 3 |
| PHY 332 Electricity And Magnetism II | 3 |
| General Elective Course | 3 |

| Year 1 - Spring | |
|------------------------------------|---|
| PHY 172 * or PHY 262 | 5 |
| PHY 262L University Physics II Lab | 1 |
| MAT 137 Calculus II | 4 |
| Foundation English | 4 |
| Liberal Studies and/or Diversity | 3 |

| Year 2 - Spring | |
|--|---|
| PHY 264 Electronics For Science Stdnts | 3 |
| PHY 265 Intro To Computational Physics | 3 |
| MAT 239 Differential Equations | 3 |
| Liberal Studies and/or Diversity | 3 |
| General Elective Course | |

| Year 3 - Spring | |
|-------------------------------------|---|
| PHY 331 Electricity And Magnetism I | 3 |
| PHY 333W Advanced Lab | 3 |
| PHY 361 Modern Physics | 3 |
| General Elective Course | 3 |
| General Elective Course | 3 |

| Year 4 - Spring | |
|---------------------------------------|---|
| PHY 441 Thermal & Statistical Physics | 3 |
| Physics major elective | 3 |
| General Elective Course | 3 |
| General Elective Course | 3 |
| General Elective Course | 1 |