# 2017-18 Degree Plan
## Physics and Astrophysics, BA
### College of Arts & Sciences: Department of Physics & Astronomy (4 Year Plan)

### Term 1  
**Hours Towards Degree:** 14

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Minimum Grade</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYC 160: General Physics</td>
<td>3</td>
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<tr>
<td>PHYC 160L: General Physics Laboratory</td>
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<tr>
<td>ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition</td>
<td>3</td>
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<tr>
<td>Social Behavioral Science</td>
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<tr>
<td>MATH 162: Calculus I</td>
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**Term Hours:** 14

### Term 2  
**Hours Towards Degree:** 28

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<th>Course</th>
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<tbody>
<tr>
<td>PHYC 161: General Physics</td>
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<td>PHYC 161L: General Physics Laboratory</td>
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<td>ENGL 120: Composition III</td>
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<td>MATH 163: Calculus II</td>
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<td>Second Language</td>
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**Term Hours:** 14

### Term 3  
**Hours Towards Degree:** 42

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<tr>
<td>CJ 130 or PHIL 156 or ENGL 219 or ENGL 220</td>
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<td>PHYC 262: General Physics</td>
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<td>PHYC 262L: General Physics Laboratory</td>
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<td>Math 264: Calculus III</td>
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<tr>
<td>Humanities</td>
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**Term Hours:** 14

### Term 4  
**Hours Towards Degree:** 58

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<th>Course</th>
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<tr>
<td>PHYC 290: Computational Physics</td>
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<td>PHYC 330: Introduction to Modern Physics</td>
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<td>MATH 311: Vector Analysis</td>
<td>3</td>
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<td>MATH 316: Applied Ordinary Differential Equations</td>
<td>3</td>
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<td>ASTR 271: General Astronomy</td>
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<td>ASTR 271L: General Astronomy Laboratory I</td>
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**Term Hours:** 16
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<tr>
<td>PHYC 303: Analytical Mechanics I</td>
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<tr>
<td>Phys/Astro elective</td>
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<tr>
<td>Fine Arts</td>
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<tr>
<td>Upper Division Math/Stat</td>
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<tr>
<td>2nd Major or Upper Division Elective</td>
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<tr>
<td>Humanities</td>
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<td>PHYC 405: Electricity and Magnetism I</td>
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<tr>
<td>Upper Division Math/Stat</td>
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<td>2nd Major or Upper Division Elective</td>
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<tr>
<td>2nd Major or Upper Division elective</td>
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<td>2nd Major or Upper Division elective</td>
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<tr>
<td>Core Requirement</td>
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<th>Term 8</th>
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<tbody>
<tr>
<td>2nd Major or Upper Division elective</td>
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**Crucial course:** (A crucial course is a predictor for success in obtaining this degree. It should be taken in the term indicated in order to ensure timely progress to graduation.)

**Degree Plan Notes**

- Minimum graduation GPA = 2.00. Keep in mind that minimum grades on road map are for individual coursework only. Students must maintain a minimum of a 2.0 cumulative GPA for admission to and graduation from the College of Art & Science.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 219</td>
<td>Tech &amp; Professional Writing</td>
</tr>
<tr>
<td>ENGL 220</td>
<td>Expository Writing</td>
</tr>
<tr>
<td>PHIL 156</td>
<td>Reasoning &amp; Critical Thinking</td>
</tr>
<tr>
<td>CJ 130</td>
<td>Public Speaking</td>
</tr>
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