PHYSICS, BACHELOR OF ARTS

Offered by Department of Physics and Astronomy (http://catalog.unk.edu/undergraduate/departments-programs/physics-astronomy)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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General Studies

**Foundational Core (Written, Math, Oral, Democracy)**
Foundational Core courses (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses)
Including:
- MATH 115 Calculus I with Analytic Geometry 1

**Portal**
Select one course numbered 188 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course)

**Distribution**
- ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics)
- Humanities (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities)
- Social Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences)
- Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences)

Including:
- PHYS 275 General Physics I (Calculus) and General Physics I (Calculus) Laboratory

Analytical and Quantitative Thought (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought)
Wellness (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness)
Needed to reach 27 credit hour minimum in Distribution 1

**Capstone**
Select one course numbered 388 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course)

**BA Language requirement**
Complete all required courses 2 6

**Major Option**
Complete all required courses 36

**Minor or 2nd Major**
Complete all required courses 3 24

**Unrestricted electives**
Needed to reach 120 credit hour minimum 7

Total Credit Hours 120

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**Physics Requirements**

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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHYS 123</td>
<td>Freshman Physics Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
</tr>
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**Physics Electives**
Select 8 credit hours of the following: 8
- PHYS 400-PHYS 499

**Physics Math Requirements**

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<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>5</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
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Total Credit Hours 36

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2 For specific language requirements see #2 of Bachelor of Arts Degree requirements (http://catalog.unk.edu/undergraduate/academics/degrees/ba).

3 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.