PHYSICS, BACHELOR OF SCIENCE

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) 14

  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) 3

*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.*

- Humanities (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities) 6

- Social Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences) 6

- Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences) 8

  Including:
  - PHYS 275 & 275L 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) 0
  - Wellness (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness) 0
  - 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) 3

**BS Science-related course requirements**

- MATH 202 Calculus II with Analytic Geometry 5
- MATH 305 Differential Equations 3

**Major Option**

- Complete all required courses 36

**Minor or 2nd Major**

- Complete all required courses 24

**Unrestricted electives**

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

2 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.