PHYSICS, BACHELOR OF ARTS

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

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<th>Code</th>
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<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.*

*Aesthetics* (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics) 3

*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 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

**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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**Major Option**

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*Physics Requirements*

- PHYS 123 Freshman Physics Seminar 3
- PHYS 276 & 276L General Physics II (Calculus) and General Physics II (Calculus) Laboratory 5
- PHYS 346 Modern Physics I 4
- PHYS 410 Mathematical Techniques in Physics I 3

*Physics Electives*

Select 8 credit hours of the following:

- PHYS 400-PHYS 499

*Physics Math Requirements*

- MATH 202 Calculus II with Analytic Geometry 5
- MATH 260 Calculus III 5
- MATH 305 Differential Equations 3

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.