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>
<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 |

**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 & 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

**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) 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: 8

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.