PHYSICAL SCIENCE, BACHELOR OF ARTS

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

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General Studies

**Foundational Requirements (LOPERs 1-4)**

Including:

- **LOPER 4: Mathematics, Statistics, and Quantitative Reasoning**
  - MATH 115 Calculus I with Analytic Geometry (1)

**Broad Knowledge Requirements (LOPERs 5-8)**

Take any one course in LOPER 5, LOPER 6, or LOPER 7 that satisfies a Dispositional Requirement (LOPER 9 or LOPER 10) and a Broad Knowledge Requirement. The courses that meet these criteria are listed at https://catalog.unk.edu/undergraduate/general-studies/courses-satisfy-broad-knowledge-dispositional/. See advisor for assistance.

Including:

- **LOPER 8: Natural Science**
  - PHYS 275 General Physics I (Calculus)
  - PHYS 275L General Physics I (Calculus) Laboratory

**Dispositional Requirements (LOPERs 9-10)**

**Wellness (LOPER 11) Optional**

**BA Language requirement**

Complete all required courses (3)

**Major Option**

Complete all required courses

**Minor or 2nd Major**

Complete all required courses (4)

**Unrestricted electives**

Needed to reach 120 credit hour minimum

Total Credit Hours

30

Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

Designated courses with the appropriate content approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or a Broad Knowledge requirement plus LOPER 10. Some courses approved satisfy LOPER 9 or LOPER 10 alone. Choosing a course that satisfies the Broad Knowledge requirement AND LOPER 9 or the Broad Knowledge Requirement AND LOPER 10 will reduce the total general studies hours.

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

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.

Electives must include one advanced course (300-400 level) in BOTH Chemistry AND Physics.

**Major Option**

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**Physical Science Core Requirements**

- PHYS 276 General Physics II (Calculus) (4)
- PHYS 276L General Physics II (Calculus) Laboratory (1)
- CHEM 160 General Chemistry (3)
- CHEM 160L General Chemistry Laboratory (1)

**Physical Science Electives**

Select 21 credit hours of the following (5)

- CHEM 200-CHEM 499L