Physics, together with mathematics and chemistry, provides the
foundation for work in all fields of the physical sciences and engineering,
and contributes greatly to other disciplines such as the biosciences and
medicine.

The undergraduate curriculum provides a solid foundation in classical
and modern physics, with emphasis on both its experimental and
theoretical aspects. A student completing this curriculum can be well-
prepared for advanced study in physics and related sciences, and for
other careers in industry, government or the private sector that require
refined abilities in problem-solving.

The physics concentration represents the classical undergraduate
physics curriculum, while the applied physics concentration provides a
solid foundation in general physics with the flexibility to include applied
or interdisciplinary course work, aimed at e.g., engineering physics,
biophysics or oceanography.

The atmospheric physics concentration is a solid foundation at
the interface of physics, climate sciences and meteorology. The
computational physics concentration is relevant for students seeking
careers in any areas that require expertise in computational modeling and
simulation of physical systems.

The technical management concentration provides an opportunity to
combine basic knowledge of physics with an aptitude for leadership in
business. Declared physics majors in good standing with appropriate
grades, department mentoring and approval for some courses are, upon
graduation, welcome to apply to the MBA program in UAF’s School of
Management.

Degree

- B.S., Physics (http://catalog.uaf.edu/bachelors/bachelors-degree-
  programs/physics/bs)

Minor

- Minor, Physics (http://catalog.uaf.edu/bachelors/bachelors-degree-
  programs/physics/minor)