Degree Programs

B.S. General Science
The General Science Program is unusual because of the interdisciplinary nature of the degree, which is administered by the Physics Department.

The program is designed to provide the student with an introduction to each of the fundamental disciplines of physical (e.g., physics, chemistry, geology) and biological sciences as well as an opportunity to study one or more of these areas in greater detail.

In the General Science B.S. Program, students may choose either two majors or one major and two minors.

The first major must be selected from one of the following:
- Biology
- Chemistry
- Geology
- Physics

A student then has the option of selecting a second major from one of the following:
- Biology
- Chemistry
- Geology
- Physics
- Mathematics

Alternately students may select two minors, one of which will be from the natural sciences or mathematics, while the second minor may be selected from other areas listed in the current UAF catalog.

The degree offers good preparation for entrance into graduate programs in interdisciplinary sciences. Students completing this curriculum are well prepared for careers in education.

*Students interested in a career in teaching should contact the Department of Education for course requirements.

UAF School of Education 907-474-7341 www.uaf.edu/educ.

About the Department
The science of physics is concerned with the fundamental nature of matter and energy, and more routinely with the response of physical systems to external forces. It encompasses all phenomena in the physical world, from elementary particles to the structure and origin of the universe.

Physics, together with mathematics and chemistry, provides a strong foundation for work in engineering and all fields of the physical sciences (e.g., geological, oceanographic, and atmospheric sciences), and contributes to other fields such as medicine and the biological and marine sciences.

UAF is known as Alaska’s land, sea, and space grant university. Located in the heart of the state, it is surrounded by the most pristine wilderness in the world. Fairbanks is the best place to live for easy access to both wilderness adventure and world-class cultural performances. Over 35 miles of cross-country ski trails surround the campus. UAF hosts competitive NCAA teams in basketball, hockey, volleyball, cross-country running and skiing, and our rifle team is the three-time defending champion!

The Fairbanks Symphony Orchestra, the Alaska Native Arts Festival, and the Fairbanks Concert Association host internationally acclaimed performers. Because of the wide range of opportunity, Fairbanks attracts friendly, adventurous people who create an exciting community in which to live and work.

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Photo by Todd Paris, UAF Marketing and Communications.