

Physics
Applied Physics
Geophysical Engineering

Department Head, Professor Stebbins; Professors Bacon, Keeling, Longacre, Mitchell, Pratt, Wyble, and Yerg; Associate Professors Baldwin, Chimino, Hinzmann, and Shandley; Assistant Professors Mount and Parks.

PHYSICS is concerned with matter and energy and their interactions, and hence is of fundamental importance in science and engineering. Advances in knowledge of physics have been accompanied by better understanding of the universe, by new or improved products, and by a more effective utilization of natural resources.

Programs are available for students with high interest and aptitude in mathematics and physical science to major in physics, applied physics, or geophysical engineering. The curriculum in physics is designed primarily for those students who plan to do graduate work and then engage in teaching or research. The curriculum in applied physics is rich in mathematics and engineering science and is technology-oriented, however, it need not be considered a terminal program, since many of the graduates enroll in advanced studies. The curriculum in geophysical engineering is designed to provide enough engineering training so that the graduate may be immediately useful in the industry, and also is sufficiently broad and thorough to permit students to continue graduate work in geophysics.

For the students who establish good records in the undergraduate curricula, additional training is strongly recommended. At the graduate level, programs leading to the Master of Science degree in physics or in geophysics are offered.