



A Guide for Physics Majors and Minors

UVM Physics (<http://physics.uvm.edu>) offers courses that develop and refine skills that are of a broad interest to practitioners in a wide variety of fields and disciplines. A physics major or minor indicates that you have the ability to solve a wide variety of problems and that you are comfortable in a technical setting. It tells employers that you have breadth to your technical background. Students who major in physics usually have a very broad scientific interest in a multitude of different fields. If your post-UVM plans involve professional schools such as medical school, law school or MBA programs, the problem-solving skills that come with a physics degree will get you noticed!

Physics is the discipline that describes how Nature behaves and uses observations of the world around us to make this description possible. A student of physics will be able to take a real world problem, break it apart into its components, translate each into a mathematical expression, manipulate that expression to get new results, and then translate the mathematical results back into a statement of physical reality. This skill is important for a wide variety of careers in the sciences, engineering, economics and the social sciences. Many majors require their students to take at least an elementary course in physics if only so the students can hone their skills in analytical thinking.

Academic Requirements

