

# PHYS 1001: Physics for Life Sciences II (winter)

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*Calendar description:* This algebra-based physics course builds on the foundation of PHYS 1000.1(.2), and considers specific applications, such as thermodynamics, waves and sound, light and optics, electricity and magnetism, atomic physics and radioactivity. These ideas are applied to “real world” situations, including biological systems. This course does not satisfy the physics requirements for programs in Astrophysics, Chemistry, Engineering, or Physics. Students in these programs should take University Physics I and II.

Classes 3 hrs. and lab/tutorial 3 hrs. per week; 1 semester.

Note: Credit cannot be given to students who have already taken PHY 230.0.

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## Overview

## Prerequisites

[PHYS 1000](#) Physics for Life Sciences I

## Dependent courses

none

**Student Outcomes**

**Curriculum**

**Suggested texts**

**Notes to the instructor**