

# PHYSICS (PHY)

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**PHY-1110: Physics of Things We Use (4 hours)**

A broad qualitative study of basic physics: mechanics, properties of matter, heat, waves and sound, electricity and magnetism, light, modern physics. Designed for liberal arts and biology, earth sciences, and chemistry secondary education majors. Fee: Required. Prerequisite: C or higher in MAT-0100 or higher. Includes a Lab.

**PHY-2121: Elementary Physics I (4 hours)**

A quantitative study of mechanics, thermodynamics and vibrations and waves. Fee: Required. Prerequisite: C or higher in MAT-0100 or higher, high school algebra, trigonometry and physics. Includes a Lab.

**PHY-2122: Elementary Physics II (4 hours)**

A quantitative study of electricity and magnetism, light and optics, and modern physics. Prerequisite: C or higher in PHY-2121. Fee: Required. Includes a Lab.

**PHY-4950: Independent Study in Physics (1-6 hours)**