

# PHYSICS (PHY)

---

**PHY 105 Physics I - 3 Hours**

A study of mechanics and heat. Prerequisite: MA 121 or consent of instructor. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 106 Physics II - 3 Hours**

A study of electricity, optics, and wave theory. Prerequisites: MA 121 and either PHY 105 or PHY 111. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 111 General Physics I - 4 Hours**

A study of mechanics and heat. Laboratory is included. Prerequisite: MA 121 or consent of instructor. Laboratory fee. Offered fall semester for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 112 General Physics II - 4 Hours**

A study of electricity, optics, and wave theory. Laboratory is included. Prerequisites: MA 121 and either PHY 105 or PHY 111. Laboratory fee. Offered spring semester for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 150 Laboratory Methods in Physics - 1-3 Hours**

This course is designed to meet the need of the student who requires or desires a laboratory experience in physics additional to that available as part of the regularly offered coursework. The area of study will vary with the needs of the student. Prerequisite: at least one introductory course in physics and consent of the Chemistry Department Chair. Laboratory fee. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 305 Scientific Applications - 1-4 Hours**

In-depth instructional or laboratory experience designed to enhance the student's expertise, critical thinking, and laboratory and communication skills in any of several areas. May be repeated for credit. Prerequisite: invitation of instructor. Instructor's consent by signature required. Laboratory fee may be required. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 405 Advanced Scientific Applications - 1-4 Hours**

Advanced instructional or laboratory experience designed to enhance the student's expertise, critical thinking, and laboratory and communication skills in any of several areas. May be repeated for credit. Prerequisite: invitation of the instructor. Instructor's consent by signature required. Laboratory fee may be required. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.

**PHY 450 Independent Study - 1-4 Hours**

Research and specialized studies designed to meet the need of individual students. Prerequisite: consent of the instructor. Laboratory fee may be required. Offered on demand for Deerfield traditional undergraduate. Delivery mode: Deerfield traditional undergraduate.