

PHYS - PHYSICS (PHYS)

PHYS U101 Introduction to Physical Science 3 Credit Hours

Introduction to the concepts, ideas, and methods of physical science with emphasis on the principles of classical and modern physics and chemistry.

Prerequisite(s): MATH U120 or higher, except statistics; or higher placement in MATH.

PHYS U101L Introduction to Physical Science Laboratory 1 Credit Hour

Experiments, exercises, and demonstrations to accompany PHYS U101.

Pre/Corequisite(s): PHYS U101.

PHYS U201 General Physics I 4 Credit Hours

Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week. No previous background in physics is assumed.

Prerequisite(s): MATH U127 or consent of instructor.

Corequisite(s): PHYS U201L.

PHYS U201L General Physics I Lab 0 Credit Hours

Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week.

Corequisite(s): PHYS U201.

PHYS U202 General Physics II 4 Credit Hours

Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week.

Prerequisite(s): PHYS U201.

Corequisite(s): PHYS U202L.

PHYS U202L General Physics II Lab 0 Credit Hours

Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week.

Corequisite(s): PHYS U202.

PHYS U211 Essentials of Physics I 4 Credit Hours

Mechanics, heat, wave motion, electromagnetism, optics, and modern physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week.

Corequisite(s): PHYS U211L.

Pre/Corequisite(s): MATH U142.

PHYS U211L Essentials of Physics I Lab 0 Credit Hours

Mechanics, heat, wave motion, electromagnetism, optics, and modern physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week.

Corequisite(s): PHYS U211.

PHYS U212 Essentials of Physics II 4 Credit Hours

Mechanics, heat, wave motion, electromagnetism, optics, and modern physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week.

Prerequisite(s): PHYS U211.

Corequisite(s): PHYS U212L.

PHYS U212L Essentials of Physics II Lab 0 Credit Hours

Mechanics, heat, wave motion, electromagnetism, optics, and modern physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week.

Corequisite(s): PHYS U212.