

PHYSICS, MINOR - LIBERAL ARTS

Liberal Arts (Code 230-401)

Code	Title	Credits
Twenty-four semester credits of Physics including:		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
11 or more credits from any Physics courses ¹		11
MATH 215	Calculus II (Not counted toward credits in minor)	

¹ Except PHYS 100, PHYS 211, and PHYS 212

It is recommended that students minoring in physics consult the chair of the Department of Physics and Astronomy while planning a program.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- Qualitatively describe natural phenomena and man-made devices in terms of the basic laws of physics in areas of classical mechanics, thermodynamics, electromagnetism, optics, electronic circuits, quantum physics, and special relativity.
- Convert a physical situation described in English into a mathematical model.
- Apply the mathematical tools commonly used in physics to obtain analytical and numerical solutions to problems modeling physical situations.
- Design experiments and demonstrate the ability to use measurement technology, computational tools, and statistical techniques to collect and analyze data.