



## **Student Learning Outcomes**

**College:** Liberal Arts & Sciences

**Department:** Physics and Optical Science

**Degree Program:** Bachelor of Science in Physics

---

- 1) To demonstrate that physics majors have an understanding of basic physics concepts in classical mechanics, and how to apply them in various manifestations.
- 2) To demonstrate that physics majors have an understanding of basic physics concepts in classical electricity and magnetism, and how to apply them in various manifestations.
- 3) To demonstrate that physics majors have mastered the following experimental abilities: (1) understand experimental problem addressed, (2) clearly articulate an experimental plan, (3) clearly and effectively present experimental data, and (4) analyze experimental data using sound physics principles.
- 4) Students will be able to demonstrate good communication skills while describing their experimental work by conveying logical arguments based on scientifically sound reasoning in the context of problem solving.