Student Learning Outcomes

**College:** Liberal Arts & Sciences  
**Department:** Physics and Optical Science  
**Degree Program:** Bachelor of Arts 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.