



Student Learning Outcomes

College: Liberal Arts & Sciences

Department: Physics and Optical Science

Degree Program: Master of Science in Applied Physics

- 1) Students will be able to demonstrate knowledge of principles of geometrical and physical optics, mathematics, optical properties of materials and electromagnetic wave theory. Students will be able to apply these principles to solve technical problems encountered in optics, and possess the necessary skills to develop a solution within a framework of critical thinking.
- 2) Students will be able to demonstrate good technical writing skills to convey logical arguments based on scientifically sound reasoning in the context of problem solving.
- 3) Students will be able to demonstrate good communication while defending or describing their work by effectively conveying logical arguments based on scientifically sound reasoning in the context of problem solving.