



## Bachelor of Science in Optical Sciences and Engineering<sup>†</sup>

### College of Optical Sciences

#### Program Educational Objectives

**Graduates of the Bachelor of Science in Optical Sciences and Engineering will be employed in industry, graduate school, or other service and will meet the following Program Educational Objectives:**

- Objective 1:** To provide students with a first-rate education in the basic principles of optics and the mathematics and physics needed to understand the behavior of optical systems.
- Objective 2:** To provide students with experience in applying optical principles to engineering problems and in developing the laboratory and computer skills needed for a career in optical engineering.
- Objective 3:** To develop students' skills in effective communication and responsible teamwork, and to foster professional and ethical attitudes and a sense of social responsibility.
- Objective 4:** To teach students the design process, and provide them with experience doing open-ended design projects.