

**School of Engineering**  
**Optical Science and Engineering, BS**

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**Broad Learning Goals**

- A. Students have a solid foundation of advanced knowledge in broad areas of optical sciences and engineering.
- B. Students demonstrate ability to participate in research in commercial, government and academic settings as part of internship options in the MS-OSE program.

**Student Learning Outcomes**

- A1. Students demonstrate a thorough grasp of undergraduate as well as graduate optics and photonics
- B1. Students make professional written and oral presentations of research results.
- B2. Students can apply their knowledge to tackle real and practical challenges in optics/photonics research and engineering.