

Program: Master of Science in Photonics Engineering

Program Contact and Title: David Castañón, Ph.D., Chair of Electrical and Computer Engineering

College/School Contact and Title: Hamid Nawab, Ph.D., Associate Chair for Graduate Programs

1. Learning Outcomes

Graduates of the Master of Science program in Photonics will be able to:

1. Apply knowledge of mathematics, science, and engineering to identify, formulate, and solve photonics problems.
2. Understand the impact of engineering solutions in a global, economic, environmental and societal context.
3. Use modern engineering tools and techniques to successfully practice the engineering profession in a variety of settings.
4. Use oral and written communication to convey technical concepts to engineers and non-engineers.
5. Collaborate as member or leader of a research team.