

School of Engineering Nanoscience and Microsystems, PhD

Broad Learning Goals

Students receiving a PhD in Nanoscience and Microsystems will:

- A. Exhibit knowledge of Nanoscience and Microsystems fundamentals as exemplified by the core courses in the NSMS program.
- B. Demonstrate a depth of knowledge in a specialization (concentration).
- C. Have the ability to conduct independent research.
- D. Have demonstrated the ability to perform a critical review of the literature in the area of specialization.
- E. Be able to communicate effectively.

Student Learning Outcomes

- 1. Students will gain knowledge of NSMS fundamentals.
- 2. Students will gain a depth of knowledge in specialization.
- 3. Students will have the ability to conduct original and independent research.
- 4. Students will have the ability to perform critical review of literature in area of specialization.
- 5. Students will be able to communicate effectively.