

## Nanoengineering, MS

Joint School of Nanoscience and Nanoengineering

**Graduate Coordinator:** Ralph Rogers

**Email:** rvrogers@ncat.edu

**Phone:** (336)285-2810

**Department Chair:** Ralph Rogers

**Email:** rvrogers@ncat.edu

**Phone:** (336)285-2810

---

The Master of Science in Nanoengineering degree program is a research master's degree, featuring coursework involving engineering at the nanoscale. It is designed for students with a strong background in engineering or applied science who seek additional, specialized training for industrial or government positions in fields that utilize nanotechnology. Students will have the opportunity to work in one or more of the following research areas: nanobiology, nanomaterials, nanometrology, nanobioelectronics, nanoenergy, and computational nanotechnology.

### **Additional Admission Requirements**

- Bachelor's degree in engineering or a closely related field
- Two of the three recommendation letters must be from University faculty members
- Current curriculum vitae

### **Degree Requirements**

Total credit hours: 30

- Core courses (15 credits): NANO 701, 702, 703, 704, 705

#### Thesis option:

- Select 9 credit hours from NANO 711, 721, 731, 741, 761, 790
- Thesis (NANO 797: 6 credits)
- Participate in all JSNN Seminars
- Pass thesis defense

#### Project Option:

- Select 12 credit hours from NANO 711, 721, 731, 741, 761, 790
- Project (NANO 796: 3 credits)
- Participate in all JSNN Seminars