

## Civil Engineering – Systems Engineering, MS

College of Engineering

**Graduate Coordinator:** Manoj Jha

**Email:** mkjha@ncat.edu **Phone:** (336)285-3678

**Department Chair:** Leotis Parish (Interim)

**Email:** parrishl@ncat.edu **Phone:** (336)285-2648

---

The Master of Science in Civil Engineering program provides advanced study and research in the following areas: Environmental/Water Resources, Structures/Geotechnical, Transportation/Regional Development, Construction Management, and Energy Resources/ Systems.

### **Additional Admission Requirements**

- Unconditional admission requires undergraduate degree from an ABET accredited Civil Engineering, Architectural Engineering, or Environmental Engineering program

### **Degree Requirements**

Total credit hours: 30

- Core courses (9 credits): CIEN 700, 702, 785
- Systems Engineering Core (9 credit hours): SYEN 605, 710, 715
- Systems Engineering Electives: Take 9 credit hours CIEN 614, 670, 785
- Electives (3 credits): Take 3 credit hours from CIEN 600-799 or other departments with approval of advisor
- Take CIEN 792 seminar