Civil Engineering, MS
College of Engineering

Graduate Coordinator: Manoj Jha Email: mkjha@ncat.edu Phone: 336-285-3678
Department Chair: Stephanie Luster-Teasley Email: luster@ncat.edu Phone: 336-285-3679

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, Advanced Mathematics course (CIEN approved)

Thesis option
- CIEN electives (9 credits): Take 9 credits from CIEN 600-799 with approval of advisor
- Electives (6 credits): Take 6 credit hours from CIEN 600-799 or other departments with approval of advisor
- Take CIEN 792 seminar
- Thesis (CIEN 797: 6 credits)
- Pass thesis defense

Project option
- CIEN electives (9 credits): Take 9 credits from CIEN 600-799 with approval of advisor
- Electives (9 credits): Take 9 credit hours from CIEN 600-799 or other departments with approval of advisor
- Take CIEN 792 seminar
- Project (CIEN 796: 3 credits)

Course option
- CIEN electives (9 credits): Take 9 credits from CIEN 600-799 with approval of advisor
- Electives (12 credits): Take 12 credit hours from CIEN 600-799 or other departments with approval of advisor
- Take CIEN 792 seminar
- Comprehensive exam