

Effective 2020-2021

## Civil Engineering, MS

College of Engineering

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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