

## 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