Master of Science in Construction Management
Curriculum 2020-2021

Degree Requirements—30 Credits

Core Courses (21 credits):

CEE 670 Construction Management (3 cr.)
CEE 672 Materials Selection, Cost Estimation, and Bidding (3 cr.)*
CEE 609/EMGT 609 Engineering Cost Analysis (3 cr.)
EMGT 627 Legal Aspects of Engineering (3 cr.)
EMGT 693 Occupational Safety and Health (3 cr.),
CEE 606 Advanced Green and Sustainable Civil Engineering (3 cr.) or CEE 641/EMGT 640 Energy Management (3 cr.)
EMGT 648 Project Management (3 cr.) or EMGT 602 Risk Management (3 cr.)

For the remaining credits, there are three options:

1. All-course option (30 credits program total)
   • Combination of nine (9) credits of coursework from the following:
     o Maximum of three approved CEE 500/600 and/or EMGT 500/600 level elective courses (9 credits)
     o Maximum of two approved Technical Elective graduate courses within or outside of the College of Engineering (6 credits)**

2. Project Option (30 credits program total)
   • Project with presentation (3 credits)
   • Combination of six (6) credits of coursework from the following:
     o Maximum of two approved CEE 500/600 and/or EMGT 500/600 level elective courses (6 credits)
     o Maximum of two approved Technical Elective graduate courses within or outside of the College of Engineering (6 credits)**

3. Thesis Option (30 credits program total)
   • Thesis with presentation (6 credits)
   • Three credits of coursework from the following:
     o Maximum of one approved CEE 500/600 or EMGT 500/600 level elective course (3 credits)
     o Maximum of one approved Technical Elective graduate courses within or outside of the College of Engineering (3 credits)**

* New course.

**Technical Electives: any departmental course with graduate credit and with advisor’s permission, from a discipline within or outside of the College of Engineering.

Up to six credit hours may be transferred from another school, subject to approval by the CEE Department.

For course descriptions, visit: wne.edu/catalogue