Civil Engineering MS and MCE Recommended Course of Study

Technical Area: Geotechnical Engineering

Required Core Civil Engineering Courses:

- CE 5043 Advanced Civil Engineering Statistics or STA 5103 Applied Statistics or ES 5023 Environmental Statistics
- CE 5143 Numerical Methods
- If MS, CE 5983 Master’s Thesis (6 credits)
- If MCE, CE 5991 Graduate Seminar (1 credit)

Recommended Elective Courses:

- CE 5023 Finite Element Methods
- CE 5403 Advanced Characterization of Highway Materials
- CE 5463 Foundation Engineering
- CE 5743 Slope Stability
- CE 5743 Ground Improvement
- CE 5743 Earth Retaining Structures
- CE 6103 Fate and Transport of Contaminants in the Environment