Civil Engineering MS and MCE Recommended Course of Study

Technical Area: Environmental 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 5203 Environmental Microbiology
- CE 5213 Biological Phenomena in Environmental Engineering
- CE 5293 GIS
- CE 5613 Environmental Chemistry
- CE 5623 Adv. Treatment Process for Water
- CE 6103 Fate and Transport of Contaminants in the Environment
- GEO 5603 Physical Hydrogeology
- ES 5133 Fundamentals of Environmental Law
- ES 5233 Experimental Design and Analysis
- ES 6103 Environmental Assessment
- EGR 5213 Topics in Systems Modeling