

Michigan Technological University

Minor in Water Resource Recovery Technology

Program Code EWRM, Academic Year 2024-25

Department of Civil, Environmental, and Geospatial Engineering

Total Credits Required: 19

Required Courses: 7 credits

- CEE 4502 Wastewater Treatment Principles and Design (3) *Prereqs: CEE3501 or CEE3503*
- CEE 4507 Water Distribution and Wastewater Collection (3) *Prereqs: (CEE3501 or CEE3503) and CEE3620*
- UN 3002 Undergraduate Cooperative Education I (1) *Prereqs: none*

Engineering-skills Electives: take 6 credits

- CEE 1003 Introduction to Computer Aided Drafting (1) *Prereqs: none*
- CEE 4640 Stormwater Management and Low Impact Development* (3) *Prereqs: CEE3620*
**Only available on-line during summer*
- CS 1121 Introduction to Programming I (3) *Prereqs: MA1031(C) or MA1032(C) or MA 1120(C)*
- CS 1122 Introduction to Programming II (3) *Prereqs: CS1121*
- FW 3540 An Introduction to Geographic Information Systems for Natural Resources Management (3)
Prereqs: MA2710(C) or MA2720(C) or MA3710(C) or ENVE3502 or CEE3502(C)
- SU 2000 Introduction to Surveying (2) *Prereqs: none*

Administrative-skills Electives: choose at least 6 credits

- EC 3400 Economic Decision Analysis (3) *Prereqs: UN1015 and (UN1025 or Modern Language -3000 level or higher)*
- ACC 2000 Accounting Principles I (3) *Prereqs: none*
- CEE 3332 Fundamentals of Construction Engineering (3) *Prereqs: none*
- CMG 4210 Construction Project Management (4) *Prereqs: CMG4200 or CEE3332*
- ENG/OSM 4300 Project Management (3) *Prereqs: BUS2100 or CEE3710 or MA2720 or MA3710 or EE3180 or BE2110 or MA2710 or PSY2720*
- HU 3120 Technical and Professional Communication (3) *Prereqs: UN1015 and (UN1025 or Modern Language -3000 level or higher)*
- SS 2300 Environment and Society (3) *Prereqs: none*
- SS 2610 Introduction to Law and Society (3) *Prereqs: none*
- SS 2620 Introduction to Public Policy (3) *Prereqs: none*
- SS 3621 Non-Profit Management (3) *Prereqs: UN1015 and (UN1025 or Modern Language -3000 level or higher)*
- SS 3630 Environmental Policy and Politics (3) *Prereqs: UN1015 and (UN1025 or Modern Language -3000 level or higher)*