

Water Treatment and Management Emphasis

Participating Programs:

- Chemical Engineering and Applied Chemistry MEng
- Civil Engineering MEng
- Materials Science and Engineering MEng

Courses

At least one of the following:

- CHE1150: Industrial Water Technology
- CIV1308: Physical/Chemical Treatment Processes
- CIV1309: Biological Treatment Processes
- CIV1311: Advanced and Sustainable Drinking Water Treatment

Two courses from the list above, or one from the list above and one from the list below:

- CIV541: Environmental Biotechnology
- CIV549: Groundwater Flow and Contamination
- CIV550: Water Resources Engineering
- CHE565: Aqueous Process Engineering
- CIV1303: Water Resources Systems Modeling
- CIV1319: Chemistry and Analysis of Water and Waste
- CIV1330: Water Sanitation, Hygiene, and Global Health
- CIV1398: Passive Water Treatment Systems
- CME500: Fundamentals of Acid Mine Drainage

Two specialization courses. Select from any of the courses above, or from the following:

- CHE1152: Membrane Engineering
- CHE1213: Corrosion
- CHE1430: Hydrometallurgy Theory and Practice

- JCC1313: Environmental Microbiology
- JNC2503: Environmental Pathways
- STA1004: Introduction to Experimental Design

Six additional courses and/or project

These may include courses not selected from the above lists. Courses must comply with departmental requirements.

Enrolment and Completion

Students should contact meng.civmin@utoronto.ca to declare their interest, so that they can be notified of water engineering-related events and extracurricular activities.

To receive acknowledgment of the emphasis on their transcript, it is the student's responsibility to declare completion of the emphasis to their home department's graduate program administrator at the same time that they are requesting convocation. The student may also reach out to meng.civmin@utoronto.ca to confirm the completion of the emphasis.