

# *Water, H<sub>2</sub>O, and WaTER*

**ENGR 1510.901** (1 credit hour)  
Wednesdays, 4:30 - 5:20 pm



An introductory course on the significance of water in our world

The title of the course makes reference to:

- i) water as a global and local natural resource (**Water**),
- ii) water quality as affected by human activities (chemistry of water, **H<sub>2</sub>O**), and
- iii) the science and technology of bringing clean water to peoples in need (**WaTER**, an acronym for "Water Technologies for Emerging Regions").

The course has both an online component and an in-class component. Students will watch short lecture modules and read assigned readings on each topic, reflect upon and analyze discussion questions, and participate in classroom discussions with peers on the relevant topics. The course is designed to generate awareness of water's beneficial uses as well as the challenges associated with water quality, scarcity, over-abundance (flooding), and inequities in access to clean water. It will also introduce the students to the need to consider both technological options and cultural context in determining sustainable solutions to water problems.

***OPEN TO ALL MAJORS!***

**For more information contact:**

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