

## **MSCE Water and Waste Management Program – for students who started prior to fall 2022**

### **Core Courses**

- **CE 451:** Water Resources & Coastal Engineering (4 units)
- **CE 476:** Design of Pressurized Hydraulic Systems (4 units)
- **CE 501:** Functions of the Constructor (4 units)
- **SAE 515:** Sustainable Infrastructure Systems (4 units)

### **Electives (12 units)**

Reminder: at least 2/3 of the units applied to the degree must be at the 500-level or above.  
Learn more.

Beyond the required courses (above) the rest of your course work should be selected from the pre-approved electives to reach the minimum of 28 units to complete this degree.

**CE 510:** Groundwater Management

**CE 511:** Flood Control Hydrology

**CE 516:** Geohydrology

**CE 520\*:** Ocean & Coastal Engineering

**ENE 502:** Environmental and Regulatory Compliance

**ENE 510:** Water Quality Management & Practice (offered intermittently)

**ENE 516:** Hazardous Waste Treatment & Disposal

**ENE 527:** Climate Change and Atmospheric Aerosols

**ENE 535:** Applied Air Quality Management

Other courses may be selected for elective credit only after consultation and pre-approval from CEE Student Services (ceedept@usc.edu)

\*CE 520a duplicates credit for CE 520

