

## **Master of Civil Engineering (MCE):**

### **Total Minimum Hours**

The minimum coursework requirement is 30 credit hours for students with an undergraduate engineering degree. For students pursuing a Concentration area (as detailed below), the 30 credit hours will include at least 15 credit hours of Concentration Requirements, with remaining credit hours to consist of technical electives as approved by the Department. For students pursuing no Concentration area, the 30 credit hours will consist wholly of technical electives as approved by the Department, but with a minimum of 18 credit hours taken within the Department of Civil and Environmental Engineering. Students without an engineering bachelor's degree will be required to complete undergraduate engineering pre-requisite courses as determined by the Department. Please contact the Graduate Program Director for more information.

### **Other requirements**

- A maximum of 12 credits taken outside the CEE department may be applied to meet the degree requirements.
- A maximum of 6 credits of independent study may be applied to meet the degree requirements.

### **Portfolio**

Portfolio and oral interview are used in lieu of a comprehensive exam. The purpose of the portfolio and interview is for students to demonstrate that they have achieved a minimum level of proficiency in stipulated competencies. Specifically, by the time they graduate, students will demonstrate

- an ability to plan, compose, and integrate verbal, written, virtual, and graphical communication of a project to technical and non-technical audiences, and
- an ability to formulate and solve complex problems in Civil Engineering using relevant data and techniques.

Additional details regarding portfolio requirements will be provided to students by the Department.













