

## **ECI 193A- Senior Design Experience**

**Description:** Culminating design experience for civil engineering and environmental engineering majors. Student teams work closely with faculty, city officials or consulting clients to propose, implement and validate a unique solution to a real-world problem. For Environmental Engineering majors, you must enroll in either the Environmental section or the Water Resources Section.

- Students must enroll in ECI 193A in winter and ECI 193B in spring.
- Students must be in their final year of study and graduating no later than winter 2022.
- A project will be assigned according to the specialization that you choose. This specialization will need to be the same for ECI 193A and ECI 193B.
- Students must enroll with the same faculty for both 193A and 193B.
- Students must complete the listed prerequisite courses to complete their senior design in the following specialization:

### **Environmental- Professor Loge**

Prerequisite: ECI 140D with a C- or better.

Enroll in section 4 in winter and section 4 in spring 2020. The CRN for 193A is 20508.

### **Structures- Professor Lilliedoll**

Prerequisite: ECI 132 or 135 with a C- or better.

Enroll in section 2 in winter and section 3 in spring 2020. The CRN for 193A is 20505.

### **Transportation- Professor Jaller**

Prerequisite: ECI 161 or 163 with a C- or better.

Enroll in section 1 in winter and section 2 in spring 2020. The CRN for 193A is 20504.

### **Water Resources- Professor Schladow**

Prerequisite: ECI 141/141L with a C- or better.

Enroll in section 3 in winter and section 1 in spring 2020. The CRN for 193A is 20506.