

## Department Policy for Double Degree in Civil, Environmental, and Construction Engineering

The faculty of the Civil, Environmental, and Construction Engineering Department believe that a double degree from the department should reflect a significant achievement and a significant increase in knowledge and formal coursework above the requirements for a single degree. Any undergraduate in Civil, Environmental, or Construction Engineering desiring to obtain a double degree shall meet the following requirements:

- The student shall meet all individual requirements for each degree.
- The coursework must include two different design courses, one from each program, plus the capstone design course.
- Completion of requirements for both degrees must be in the same semester.
- The same catalog year must be used for both degrees.
- The student must have a minimum of 150 credit hours. Any credit hours taken beyond the degree requirements for both degrees (to satisfy the 150 credit hour minimum) must come from the approved technical electives list for the additional degree.

Additional notes:

- The extra hours represent at least one additional semester of full time enrollment.
- All majors completed will be indicated on the student's transcript.

### **Civil Engineering Major Pursuing Environmental Engineering Additional Degree**

Students will need to complete a minimum of 150 credit hours, which will include the 24 additional hours to earn a Bachelor of Science Environmental Engineering degree in addition to the Bachelor of Science Civil Engineering degree. The additional courses are: A Biological Science (3hrs), CHM 2046C (3hrs), CHM 2046L (1hr), ENV 4120 (3hrs), ENV 4341 (3hrs), EES 4202C (4hrs), EES 4111C (4hrs), and an Environmental Design course (3hrs). Students will have completed an Earth Science as part of the GEP requirements and CHM 2045C, CWR 4120 (Hydrology) or CWR 4124 (Hydrogeology), ENV 4531, and ENV 4561 as part of Civil Engineering requirements.

### **Civil Engineering Major Pursuing Construction Engineering Additional Degree**

Students will need to complete a minimum of 150 credit hours, which will include the 19 additional hours to earn a Bachelor of Science Construction Engineering degree in addition to the Bachelor of Science Civil Engineering degree. The additional courses are: CCE 4004 (3hrs), CCE 4034 (3hrs), CCE 4402 (3hrs), CCE 4810C (3hrs), CCE 4813 (4hrs), and ACG 2071 (3hrs).

### **Environmental Engineering Major Pursuing Civil Engineering Additional Degree**

Students will need to complete a minimum of 150 credit hours, which will include the 24 additional hours to earn a Bachelor of Science Civil Engineering degree in addition to the Bachelor of Science Environmental Engineering degree. The additional courses are: CGN 3501C (3hrs), CGN 3700C (2hrs), TTE 3810 (3hrs), CES 4100C (4hrs), depth area electives as per Civil Engineering degree requirements (9hrs), and a Civil Design course (3hrs). Students will have completed CWR 4120 (Hydrology) or CWR 4124 (Hydrogeology), ENV 4531, and ENV 4561 as part of the Environmental Engineering requirements.