

## Minor

# Environmental Engineering Minor

An undergraduate minor in environmental engineering may be obtained by successful completion of 12 or more semester credit hours in approved environmental engineering course work at the 300 or 400 level. In addition, a student seeking a minor in environmental engineering must satisfy all pre- or corequisite requirements for the courses selected. For civil engineering majors pursuing the environmental engineering minor, one of two 4XX technical elective courses in environmental engineering may count toward one of the approved 400-level courses for the environmental engineering minor.

## Requirements

Two tracks are available: aqueous environmental systems and environmental protection. The course requirements are as follows:

### Aqueous Environmental Systems

CEE 350	Environmental Pollution and Control	3
Select three of the following:		9
CEE 440	Hydraulic Engineering	
CEE 446	Urban Stormwater Hydrology	
CEE 447	Groundwater Hydraulics	
CEE 450	Water Distribution and Wastewater Collection System Design	
CEE 451	Water and Wastewater Treatment	
CEE 482	Introduction to Coastal Engineering	
<b>Total Credit Hours</b>		<b>12</b>

### Environmental Protection

CEE 350	Environmental Pollution and Control	3
Select three of the following:		9
CEE 451	Water and Wastewater Treatment	
CEE 452	Air Quality	
CEE 454	Hazardous Waste Treatment	
CEE 458	Sustainable Development	
CEE 459	Biofuels Engineering	
CEE 482	Introduction to Coastal Engineering	
CEE 455	Pollution Prevention and Green Engineering	
<b>Total Credit Hours</b>		<b>12</b>

For completion of a minor a student must have a minimum overall cumulative grade point average of 2.00 in courses specified as a requirement for the minor exclusive of lower-level courses, prerequisites and corequisites and complete a minimum of six hours of upper-level courses in the minor requirement through courses offered by Old Dominion University. Completion of a minor in environmental engineering with a grade point average of 3.00 or greater partially satisfies the leveling requirements for graduate degrees in environmental engineering.