

Department of Civil and Environmental Engineering
ENVIRONMENTAL ENGINEERING MINOR

The Department of Civil and Environmental Engineering offers a Minor in Environmental Engineering to B.S. degree students in other engineering or science departments of the University of Pittsburgh. The minor requires the completion of a minimum of 15 credits of course work in the environmental area. This minor is not available to Civil Engineering Majors in the Department.

The completion of the Environmental Engineering Minor may provide the student with a significant career advantage. Engineers and scientists with many different backgrounds are needed in the control and management of environmental systems.

Course Requirements:

CEE 1412 – Introduction to Water Resources Engineering - 3 credits

CEE 1503 – Introduction to Environmental Engineering - 3 credits

CEE 1513 – Environmental Engineering Processes - 3 credits

Two of the following courses (or equivalent):

CEE 1504 (Chemistry in Environmental Engineering);

CEE 1505 (Water Treatment and Distribution System Design);

CEE 1514 (Environmental Impact Assessment);

CEE 1515 (Wastewater Collection and Treatment System Design);

CEE 1520 (Material and Energy Balances in Environmental Engineering);

CEE 1522 (Fate and Transport in Environmental Engineering);

CEE 1609 (Life Cycle Assessment, Methods and Tools);

CEE 1610 (Engineering and Sustainable Development);

CEE 1618 (Design for the Environment); or

CEE 1996 (Special Projects).

Application:

It is strongly suggested that interested undergraduates contact an environmental engineering faculty member for guidance once they decide they may be interested in the environmental minor. All students should obtain and submit a completed formal application form with copy of academic record to: Dr. Casson, Academic Coordinator, 742 Benedum Hall, Telephone 412-624-9868.