ENVIRONMENTAL ENGINEERING

Environmental engineering is concerned with protecting human, animal, and plant populations from the effects of environmental factors, including toxic chemicals and wastes, pathogenic bacteria, and global warming.

Environmental engineers also try to minimize the effect of human activities on the physical and living environment so that we can all live more healthy lives. This field builds on other branches of engineering, especially civil, chemical, and mechanical engineering. It also builds on information from many of the sciences, such as chemistry, physics, hydrology, geology, atmospheric science, and several specializations of biology which include ecology, microbiology, and biochemistry. Students who elect to study environmental engineering will become familiar with many of these areas because maintaining and improving the environment requires that problems are evaluated and solutions found using a multidisciplinary approach.

Employers who have hired Drexel students include:
Aqua Pennsylvania, Inc. GE Aviation CHPlanning Criterion Lab Inc. ConocoPhillips Company Sunoco, Inc Philadelphia Streets Department Roux Associates CertainTeed Corporation URS Corporation

Students wanting specific information about the major are encouraged to stop by the department office in Curtis Hall, room 251, call the department at 215-895-2341 or visit their website at www.cae.drexel.edu.

JOB TITLES

Environmental Engineer
Field Analyst
Health and Safety Co-op
Lab Technician
Project Engineer
Research Assistant
Water Treatment Associate

Please refer to the SCDC website (www.drexel.edu/scdc) for our most recent co-op salary information.

Professional Associations & Internet Resources

American Academy of Environmental Engineers
www.aaee.net

National Society of Black Engineers
www.nsbe.org

American Association of Engineering Societies
www.aaes.org

Society of Women Engineers
www.swe.org

Environmental Engineer
www.environmentalengineer.com

Drexel University Chapter Society for Women Engineers
www.pages.drexel.edu/~dsoswe

Drexel University Engineers without Borders (EWB)
www.drexelewb.org

American Society for Engineering Education
www.asee.org

Career Resources

Steinbright Career Development Center
Pre-Professional Advising (Prelaw, Prehealth)
www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html

Writing Your Resume
www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html

Interviewing
www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html

Workshop Calendar
www.drexel.edu/scdc/events/workshops/coop-workshops.html

Drexel Departments

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
215-895-6843
www.library.drexel.edu/services/refcareers.html

Civil, Architectural & Environmental Engineering Department
3141 Chestnut Street
Curtis Hall, Room 251
215-895-2341
www.cae.drexel.edu