

WHAT CAN YOU DO WITH A MASTER'S DEGREE IN ENVIRONMENTAL SCIENCE?

Currently, there's a growing need in both the private and public sectors for environmental specialists. UHCL's interdisciplinary program allows students to specialize in one of four areas: Environmental Biology, Environmental Chemistry, Environmental Geology or Industrial Hygiene and Safety. Graduates have numerous career options:

- Environmental Scientist
- Environmental Specialist
- Environmental Biologist
- Environmental Chemist
- Environmental Geologist
- Industrial Hygienist
- Safety Specialist
- Environmental Health and Safety Specialist



University
of Houston
Clear Lake

University of Houston-Clear Lake
2700 Bay Area Blvd., Houston, TX 77058
www.uhcl.edu



DEGREES OF SUCCESS

ENVIRONMENTAL SCIENCE

Master of Science

School of Science and Computer Engineering



University
of Houston
Clear Lake

Accredited. Affordable. Accessible.

WHAT'S REQUIRED?

Applicants for candidacy should have a bachelor's degree in sciences or engineering with a significant number of courses in biology, chemistry, physics and mathematics. Candidates should have at least a "B" average (GPA: 3.0) on the last 60 hours of credit. GRE scores are required by all students applying for the graduate program, which will be evaluated by the school's admissions committee.

WHY UHCL?

Because of the large population, industrial base, port facilities, coastal habitat and numerous other factors, the Houston-Galveston area has become a major center for the application of environmental sciences. It's no surprise that UHCL has one of the most established programs in the nation.

We offer low, in-state tuition, year-round enrollment and convenient schedules. Best of all, students are taught in a small-class environment by experienced, professionally active faculty, many of whom have achieved national and international recognition for their work.



WHAT COURSES ARE OFFERED?

Our program is divided into four areas of specialization: Environmental Biology, which deals with the problems associated with natural populations and ecosystems, such as pollution, development and population growth; Environmental Chemistry, with fate and transport studies, instrumentations and pollution-control technologies; Environmental Geology, with geologically associated problems including groundwater; and Industrial Hygiene and Safety, with the evaluation and control of workplace hazards.

FACULTY

Magdy Akladios, Ph.D., PE, CSP, CPE, CSHM
(akladios@uhcl.edu)
Safety Engineering, Ergonomics, Business Economics.

Dennis Casserly, Ph.D., CIH (casserly@uhcl.edu)
Industrial Hygiene and Environmental Health, Indoor and Occupational Air Quality, Occupational Health Guidelines.

Robert N. Ferebee, Ph.D. (ferebee@uhcl.edu)
Environmental Microbiology: Microbial Processes Concerning Biological Amplification, Degradation, Pollution, Remediation.

George Guillen, Ph.D. (guillen@uhcl.edu)
Marine, Estuarine and Aquatic Ecology, Effect of Habitat Modification and Pollution on Aquatic and Estuarine Systems, Ichthyology and Fisheries Science.

Cynthia L. Howard, Ph.D. (howardc@uhcl.edu)
Environmental Toxicology, Pollution Effects on Estuarine and Coastal Wetland Communities, Biomarkers of Pollutants Effects, Tropical Ecotoxicology.

Jack Y. Lu, Ph.D. (lu@uhcl.edu)
Air and Water Pollution Control and Prevention, Environmental Friendly Fire-Resistant Materials.

Richard Puzdrowski, Ph.D. (puzdrowski@uhcl.edu)
Environmental Physiology, Environmental Neurobiology.

Theron D. Sage, Ed. D. (sage@uhcl.edu)
Environmental Geology, Characterization of Expansive Clays, Clays as Pollution Pathways in the Marine Environment.

Carl C. Zhang, Ph.D. (zhang@uhcl.edu)
Environmental Chemistry, Environmental Remediation, Environmental Biotechnology.

APPLY NOW

With part-time options and conveniently scheduled classes, the University of Houston-Clear Lake offers students a broad range of learning and career opportunities. Since 1974, UHCL has awarded more than 38,000 degrees to a diverse student population from the state, nation and abroad. That's 38,000 transformed lives. Transform yours.

For admissions deadlines, call the UHCL Office of Admissions at 281-283-2520. For information on the environmental science program, contact Dr. Carl Zhang at 281-283-3746 or zhang@uhcl.edu. For additional information about the environmental science program, please visit:
<http://www.uhcl.edu/sce/programs/ensc>.

A limited number of financial-aid programs and graduate assistantships are available.

DegreesofSuccess.uhcl.edu