INTERESTED IN HELPING TO SOLVE THE WORLD’S ENVIRONMENTAL PROBLEMS? Do you want to work on research in the workplace that really makes a difference in protecting the environment? Then UCLA’s innovative professional doctorate in Environmental Science and Engineering (ESE) may be the program for you. The ESE program is one of the oldest and most successful applied environmental doctorate programs in the nation. Founded by Nobel Laureate, Willard Libby, in 1973, the ESE program has produced over 230 graduates that have worked in senior leadership positions in places such as the USEPA, Army Corps of Engineers, Disney, California Air Resources Board, AECOM, MWH, Heal the Bay and the Santa Monica Bay Restoration Commission.

A HISTORY OF SUCCESS: Our graduates have helped write laws and regulations that have changed the face of air and water quality protection. They’ve greened Fortune 500 companies. They’ve restored water supplies to communities that lost their water due to groundwater contamination. They’ve helped build sustainable developments all over the globe. And they even helped create our nation’s first statewide network of Marine Protected Areas. UCLA ESE graduates have made a difference for nearly 40 years: a difference you can see in the air we breathe and the aquatic environment we enjoy. Today’s environmental professionals need scientific, engineering, and policy skills to translate our collective resolve and resources into effective environmental action. This Program focuses on the critical environmental questions of the day; problems that transcend state and national borders, yet also have local relevance.

To find out how more about the ESE program go to www.environment.ucla.edu/ese
Academic Program

COURSES—The program is administered by the Institute of the Environment and Sustainability and offered in collaboration with twelve academic departments in the College of Letters and Science and the Schools of Engineering, Management, Public Health, Public Policy and Law. All students take courses in air pollution, water quality, applied ecology, environmental toxicology, water quality control systems, environmental economics, and environmental law. In addition, students take elective courses chosen from the wide variety of environmental courses offered at UCLA.

PROBLEMS COURSE—During the second year, all students participate in a Problems Course consisting of a supervised research project directed towards the solution of a current environmental problem. This intensive research effort typically occurs over a 12–15 month period, and leads to one or more peer-reviewed journal articles.

INTERNSHIP—After year two, students begin their dissertation internship in the workplace at businesses, regulatory agencies, consulting firms or environmental groups. The internship provides practical experience in environmental analysis and management, as well as the opportunity to conduct a dissertation research project under the supervision of a UCLA doctoral committee. Successful completion of the dissertation results in the award of the Doctorate in Environmental Science and Engineering (DEnv).

Admissions

Students entering the ESE Program must have a Master's Degree demonstrating their specialized competence in a scientific or engineering discipline. The overall academic record, including GRE scores (and TOEFL scores when applicable), must reflect exceptional verbal and quantitative skills, and strong motivation toward academic achievement. Admission to the Program has always been highly competitive. About 4-6 students are accepted each year.

FOR MORE INFORMATION, please check our website at www.environment.ucla.edu/ese. Applications for the 2014–2015 year are due on December 31, 2014.

If you want to become an environmental leader that really makes a difference, we hope to see you apply.