

# Master of Science in Environmental Engineering

*Department of Civil and Environmental Engineering*

## INTRODUCTION

Environmental engineers develop solutions to environmental problems using the principles of engineering, biology and chemistry. They are involved in water and air pollution control, recycling, waste disposal, and public health issues. The CSU Environmental Program focuses on both local and worldwide environmental issues and prepares our students to perform a broad range of jobs, from helping local businesses to comply with regulations to cleaning-up hazardous sites and ensuring environmental health through water and wastewater treatment. Many of our graduates work as consultants and are increasingly sought after as more and more entry level positions require a Master's degree in Environmental Engineering.

## DEGREE PROGRAM

The Master of Science in Environmental Engineering degree is offered through the Department of Civil and Environmental Engineering in the Fenn College of Engineering. This program represents the engineering component of the cross-disciplinary, environmental academic studies program at Cleveland State University. Although this program is designed

for individuals with a bachelor's degree in engineering, non-engineering graduates also can take advantage of this program.

## RESEARCH

The research opportunities in Engineering include adsorption, waste-site remediation, pollution prevention, green manufacturing, industrial waste treatment, brownfields, air-pollutant control, biological treatment processes, waste recycle and reuse, solid-waste engineering, physiochemical treatment processes, soil decontamination, combustion-process emissions, energy conversions, risk assessment, environmental policy, and real-time environmental monitoring. Because the program is interdisciplinary, the students also have access to faculty research activities across multiple colleges.

## DEGREE REQUIREMENTS

Students in the MS in Environmental Engineering program may elect a thesis or non-thesis option. In addition to University requirements, students following the thesis option must complete a minimum of 31 credit hours for the degree, including the core competency requirements (8-10



credits), the engineering core curriculum (17 credits), and a minimum of six credit hours of thesis. Students following the non-thesis option must complete a minimum of 33 credit hours for the degree, including the core-competency requirements, the engineering core curriculum, and two additional courses from the environmental engineering elective courses.

## CONTACT INFORMATION

### **For admission information contact:**

Cleveland State University  
Graduate Admissions Office  
2121 Euclid Ave.  
Cleveland, OH 44115  
(216) 687-5599

[www.csuohio.edu/gradcollege/](http://www.csuohio.edu/gradcollege/)

### **For program information, contact:**

Department of Civil and  
Environmental Engineering  
Stillwell Hall, Room 110  
2121 Euclid Ave.  
Cleveland, OH 44115  
(216) 687-2400

[www.csuohio.edu/civileng/](http://www.csuohio.edu/civileng/)