

MS ENVIRONMENTAL SCIENCE



ENVIRONMENTAL SCIENCE MASTERS PROGRAM

- Internship Track
- Thesis Track

ADMISSIONS REQUIREMENTS:

Applicants must hold a BA or BS degree in either natural, physical, or social sciences from an accredited university with a minimum grade point average of 3.0. Applicant with GPAs between 2.5 and 2.9 in the last 60 semester (90 quarter) units, may be granted conditional admission. In addition, all students are required to have completed one lower division course in statistics or calculus and four lower-division courses in fields closely related to Environmental Science (e.g., geography, geology, chemistry, oceanography, etc) with grades of 'C' or better in their undergraduate program. Applicants are required to fulfill the Graduation Writing Assessment Requirement (GWAR).

To apply, visit csudh.edu/mse.

APPLICATION DEADLINES:

For **Fall**, the application deadline is **May 1**.

CONTACT INFORMATION

mse@csudh.edu

MS ENVIRONMENTAL SCIENCE

ABOUT THE PROGRAM

The M.S. in Environmental Science is a program for leaders, thinkers and planners who can address and solve environmental challenges using interdisciplinary approaches. Core courses in the natural and social sciences introduce students to the unique problems of the urban environment; environmental analysis, policy and planning; and analytical skills. Elective courses allow students the flexibility to meet their specific interests and career goals, and real-world experience is obtained through internships in governmental, non-governmental, or other organizations.

DEGREE REQUIREMENTS

The program offers two different tracks for degree completion. Both tracks require completion of 30 units (including one internship), at least 21 of which must be at the graduate level, 500 or above. Students are required to maintain a grade point average of 3.0 (grade of B) or better in all courses to satisfy the requirements for the degree. Students may substitute equivalent courses as foundation courses upon approval from the Program Director

REQUIRED COURSES (21 UNITS)

ANT 555 - People, Culture, and Environment
BIO 502 - Biostatistics
BIO 510 - The Urban Environment
GEO 433 - Environmental Analysis and Planning
ENV 590 - Graduate Seminar in ES (taken twice)
ENV 596 - Internship in Environmental Science
ENV 598 - Directed Research

ELECTIVES (6 UNITS)

In consultation with program coordinator, each student will select 2 elective courses from the following list. Other courses may be substituted with the approval of the Program Coordinator.

BIO 416 - Landscape Ecology
CHE 474 - Geochemistry
EAR 410 - Environmental Geology
EAR 460 - Global Change
EAR 476 - Groundwater
GEO 405 - Advanced Cartography
GEO 408 - Remote Sensing and Image Processing
GEO 412 - Rivers and Streams
GEO 415 - Geographic Information Systems
GEO 416 - Earth's Climates
GEO 420 - Natural Resources
SOC 408 - Survey Research

Internship Track Requirements

ENV 596 - Internship in Environmental Science

In addition to the required courses, students will complete an additional internship (ENV 596 - 3 units). A culminating report and portfolio describing internship results are required for completion of the degree.

Thesis Track Requirements

ENV 599 - Thesis

A written thesis based on an original research. Note: Students must submit a written thesis, based on an original research project in environmental science, and an oral defense of the thesis is required for completion of the degree. Students are required to follow the Thesis/Project Submission requirements provided by graduate studies.