



College of Natural and Health Sciences

MASTER OF SCIENCE IN ENVIRONMENT AND SUSTAINABILITY SCIENCES

Build advanced skills in environmental management to lead change and implement solutions for today's most vital global issues

The Master of Science in Environment and Sustainability Sciences will provide students with advanced theoretical and practical training required to identify and address complex issues intertwined between environmental, social, and economic demands to achieve sustainable development. Students will explore a wide array of research areas including water sustainability, green technologies, climate change, sustainability planning and management, remote sensing and GIS, biodiversity and conservation, ecosystem functions, and circular economy.

Furthermore, students will have the expertise, knowledge and skills to analyze and advise on the implementation of an environmental management system or improve the environmental performance of almost any organization.

Professional Outcomes

With environmental protection becoming increasingly important for businesses, government and the public, careers in environment and sustainability sciences are projected to grow rapidly across the world. Upper-level management and other career opportunities with local authorities and organizations ranging from government resource management and regulatory agencies, non-governmental organizations, conservation organizations, charitable trusts, environmental monitoring organizations and environmental consulting firms to almost any industry including agriculture, chemistry, energy and utilities, engineering, logistics, media, transportation and environmental education and research will continue to emerge over the next decade.

Faculty

Program courses are taught by select professors from Zayed University who have earned doctorates, diverse international research experience, and superior teaching performance in graduate level programs.

Curriculum

Required Program Courses (26 Credit Hours Required)

- ENV600 Environmental Sciences and Ecosystem Analysis
- ENV601 Science Communication and Writing
- ENV610 Sustainability Planning and Management
- ENV615 Environmental Impact Assessment
- ENV655 Liquid and Solid Waste Management
- ENV690 Experimental Design and Data Analysis in Natural Sciences
- ENV693 Contemporary Issues in Sustainability and Environmental Technology Seminar
- ENV699 Thesis in Environmental Science and Sustainability

Prescribed Elective Courses (10 Credit Hours Required)

- ENV611 Renewable Resources and Mixed Energy in Sustainable Development
- ENV620 Occupational Health and Safety
- ENV625 Environmental Protection
- ENV630 Advanced Environmental Policy
- ENV650 Ecotoxicology
- ENV656 Instrumentation and Analytical Methods in Environmental Sciences
- ENV657 GIS Applications in Environmental Science
- ENV660 Restoration Ecology
- ENV665 Environmental Microbiology
- ENV670 Coastal and Terrestrial and Environments
- ENV695 Environmental Field Expedition

Course Delivery Format

The program is delivered in English at Zayed University located in Abu Dhabi.

Admission

- Admission is open to males and females of all nationalities.
- Applicants must have an earned baccalaureate degree in science from an accredited university recognized by the UAE Ministry of Education with a cumulative grade point average (CGPA) of 3.0 (or 2.5 for conditional admission) or higher on a 4.0 point scale or equivalent.
- English language proficiency:
 - A TOEFL score of 213 CBT, 79 iBT (or 197 CBT, 71 iBT for conditional admission), or
 - An IELTS (Academic) overall band score of not less than 6.0 (or 5.5 for conditional admission), or
 - 1400 on the EmSAT English examination (or 1250 for conditional admission), or
 - Evidence that the applicant is a native speaker of English who has completed his/her undergraduate education in an English medium institution in a country where English is the official language.

Program Cost

Credit Hours	Cost Per Credit Hour
36	AED 2,500

Financial Support

Zayed University offers a range of financial support options such as graduate merit and Zayed University alumni scholarships to support graduate students. Corporate discounts are also offered for bulk applications. For a listing of available financial aid, please visit the Graduate Student Financial Support section of the website www.zu.ac.ae

Program Recognition

Zayed University is licensed and accredited by the Commission for Academic Accreditation (CAA), which is the quality assurance and accreditation body of the UAE Ministry of Education. As Zayed University is accredited by the Middle States Commission on Higher Education, graduate programs are world-wide recognized for further education and employment in private and public-sector organizations.

Contact

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