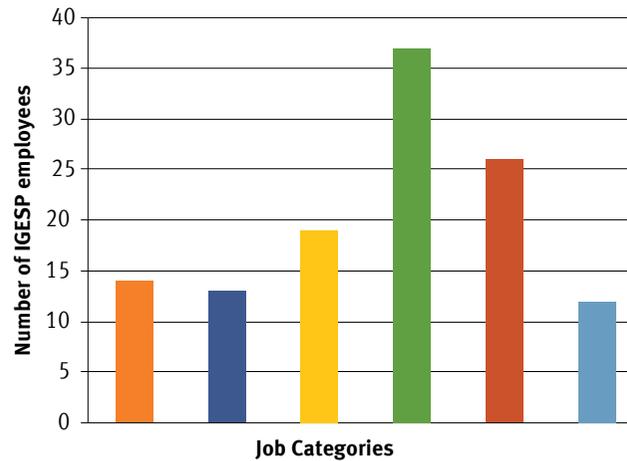




Job Opportunities

IGESP graduates today have found employment in private firms, NGOs, international institutions, and government agencies. Many have opted for an academic career and have joined some of the most prestigious universities in the US, UK, and Canada.

Distribution of IGESP employees/Job Categories



- Intergovernmental
- Governmental/Public
- Non Governmental/Non-Profit
- Private (Consulting Firms)
- Educational
- PhD Candidates

Admission Requirements

- To be accepted into the program, an applicant must:
- meet general university requirements for admission to graduate study.
 - be recommended by the appropriate faculty graduate committee and accepted by the interfaculty coordinating committee of the program.
 - demonstrate proficiency in English by achieving the required minimum score on one of the following examinations: the University English Entrance Exam (EEE), TOEFL, or IELTS.
 - has a relevant background to the major and good personal statement.

More information on program's admission requirements can be found on the program's website by following the link below: <https://www.aub.edu.lb/igesp>

The online graduate application, with current application deadlines, may be accessed through the AUB website (aub.edu.lb) by following the track below: AUB Home > Admissions > Graduate Studies > Online Graduate Application

Contact Information

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AMERICAN UNIVERSITY OF BEIRUT

The Interfaculty Graduate Environmental Sciences Program





About The Program

The Interfaculty Graduate Environmental Sciences Program (IGESP) is a multidisciplinary field of study leading to a Master of Science degree in environmental sciences with four possible majors: environmental technology, ecosystem management, environmental health, and environmental policy planning.

The program has been designed to cater to the rising demand for environmental scientists in the Middle East region. The specificity of the region's environment is reflected both in the program's academic and educational perspectives.

Founded in 1997, the program recognizes Lebanon's unique diversity – environmental, societal, and cultural – and acknowledges that a diversity of environmental problems affects the integrity of the country's ecosystems. Accordingly, IGESP adopts a holistic approach to resolving those problems and offers a course of study designed to address the most salient environmental issues as well as more specialized topics.

IGESP draws on the resources of various faculties/departments and provides opportunities for study and research in the field of the environment in its totality. While the program caters mostly to students in the physical and natural sciences, it is offered to students holding a bachelor's degree in any approved discipline of engineering or science. It provides graduates with the necessary tools to assess diversified and multidisciplinary environmental issues. The program focuses on enhancing students' research, analytical, problem-solving, and critical-thinking skills by emphasizing the case study approach to learning and solving environmental problems.

Mission

The mission of the AUB Interfaculty Graduate Environmental Sciences Program is to contribute to building up the environmental capacity in Lebanon and the region through human resource development as well as research and community involvement. The essence of the program lies in its interdisciplinarity. The program is firmly based on a holistic view of the environment that integrates the ecological, technical, health, and socio-economic dimensions. We aim to train creative, flexible, and cross-curricular graduates capable of appreciating, building on, and applying cutting-edge knowledge for the management of the environment. Our graduates are empowered with exceptional technical, managerial, critical evaluation, research, and reporting skills.

Vision

IGESP aspires to be the leading interdisciplinary program bridging environmental education, research, and service through close partnership with academic institutions and civil society actors.

Curriculum

IGESP curriculum requires 30 credits for the thesis and non-thesis programs. It consists of nine credits of core courses, in addition to electives and the thesis/project. Students enrolled on a full-time basis can graduate in two years; those enrolled on a part-time basis are allowed up to four years to graduate. For more information about the program and admissions criteria, please visit <https://www.aub.edu.lb/igesp>.

Majors

ECOSYSTEM MANAGEMENT

- Develop a critical understanding of ecosystem processes within socio ecological systems.
- Understand the ecosystem's relationship to human wellbeing.
- Design and implement appropriate natural resource management strategies.

ENVIRONMENTAL HEALTH

- Assess exposure to environmental and occupational health hazards.
- Develop approaches for assessing, preventing, controlling, and managing environmental hazards that pose risks to human health and the environment based on sound scientific and ethical considerations.
- Evaluate environmental health interventions by integrating theoretical knowledge with practical application through independent research, community projects, and civic engagement activities that contribute to social justice as well as economic and environmental sustainability.

ENVIRONMENTAL TECHNOLOGY

- Study the elements of the physical environment: air, water, soil.
- Understand the fate and transport of pollutants in the environment (air, water, soil).
- Acquire an environmental engineering perspective on the treatment, mitigation, and management of pollutants at source as well as in the environment.
- Learn about the emerging environmental technologies developed for environmental quality evaluation, monitoring, and remediation of contaminated environments.

ENVIRONMENTAL POLICY PLANNING

- Study the process of environmental policy-making that is elaborated by public and non-state actors operating on the global, international, national, and local levels.
- Explore the complex nature of political, legal, and socio-economic processes that shape environmental policy on the global, international, national, and local levels.
- Critically analyze contemporary environmental problems, governance structures, and the dynamic struggles among various state and non-state players in Lebanon, the Middle East region, and globally.