



SORBONNE
UNIVERSITY
ABU DHABI

Master in Sustainable Environmental Engineering and Law

Master Programmes

The Master in Sustainable Environmental Engineering and Law (SEEL) is a master's diploma with two degrees encompassing environmental engineering, geography sciences and environmental law. Its objective is to enable students to acquire comprehensive multidisciplinary skills, both theoretical and practical. These are further enhanced by learning methodologies and practical skills (research training, complex project management).

The Master SEEL program provides student with a unique and comprehensive approach to tackling environmental challenges. It empowers them to identify sustainable management strategies for ecosystems and resources conservation, such as energy, water, food, biodiversity, while understanding their integration within legal frameworks. This program offers an in-depth analysis of the intricate relationship between humans and the environment, from both legal and spatial perspectives, preparing students to become leaders in the field of environmental sustainability.

The program offers a multidisciplinary approach on the management of environments complemented by practical and applied courses. Students not only develop detailed analytical skills about the environmental impact of global business and socio-economic forces, but they are also encouraged to actively participate in projects, workshops, and maintain constant dialogue with faculty and regional or international experts to explore the most effective strategies to respond to various sustainability challenges in the UAE, GCC and on the international level.

Students will also learn how to process with big data management, environmental monitoring and interpret data using advanced GIS methods and techniques.

Upon completion of this Master's program, students will be capable of mastering the processes involved in the development of norms and public policies, analyzing in-depth contemporary issues related to sustainable development through the implementation of existing legal frameworks, and transferring legal reasoning to other fields of study or environmental issues.

Throughout this program, future leaders in environmental sustainability have the opportunity to maximize their skills and career potential, to complement the UAE's rapid and ambitious progress.

The courses are delivered by Sorbonne University and University Paris Cité professors and well-known professionals and visiting lecturers experts in their fields. Courses are generally interactive and every professor provides additional materials to aid learning. This master's program is supported by the Departments of Geography and Planning, and, Law, Economics and Management.



Overview



Programme highlights

Unique Curriculum

This unique double degree program in the region, is meticulously designed to explore the synergy between environmental engineering, environmental law, and geography sciences, equipping students to navigate the intricate relationship between legal systems and spatial dynamics in environmental management.

Interdisciplinary approach

The program seamlessly combines environmental engineering, law, and geography sciences, offering students a 360-degree view of environmental challenges.

Career opportunities

Graduates gain in-demand skills opening doors to careers in environmental consultancy, Environmental Legal Expert, policy advocacy, corporate sustainability, Environmental Compliance Officers, Sustainability Consultants, Renewable Energy Analysts, Water quality Scientists, Environmental Auditors, and Environmental Researchers.

Expert Faculty

Students learn from distinguish faculty members renowned in their fields, ensuring expert mentorship and guidance throughout their studies.

There are abundant rewarding career opportunities on a regional and global scale for graduates of the Sustainable Environmental Engineering and Law master degree based on UN and World Bank group.

Structure

The degree in Sustainable Environmental Engineering and Law is taught in English and covers a total of four semesters across two years. At the end of this degree, you will have 120 credits.

SEMESTER 1		
Modules	Courses	Contact hours
Principles of Environmental Engineering	• Environmental Data Science and Analytics	25
	• Sustainable Water Management and Sanitation	20
	• Location Intelligence for Environmental Engineering	10
Understanding the Policy-Making Process	• International Environmental Law	20
	• Sustainable Development: Politics and Policies	20
	• Environmental Policies and Economics	20
Sustainability in Practice	• Sustainable Cities and Communities	20
Practical Skills	• Project Management 1	05

SEMESTER 2		
Modules	Courses	Contact hours
Environmental and Resources Management	• Environmental Monitoring and Modeling	25
	• Landscape Evolution under Climate Change	10
	• Sustainable Agriculture Towards Food Security	10
	• Coastal Management	25
Critical Issues in Sustainability	• Water Law and Natural Resources Management	20
	• Climate Change Action	20
	• Biodiversity Law	10
	• Legal Aspects of Food Security	10
Integrated Approach to Crisis Management	• Environmental Mobility	10
Professional Skills	• Project Management 2	05

SEMESTER 3		
Modules	Courses	Contact hours
Artificial Intelligence applied to Environmental Engineering	• Big data and AI for Environmental Engineering	15
Environmental Accountability	• Environmental Law and Human Right	10
	• Environmental Litigation	10
	• Corporate, Environment and Social Responsibility	10
Transversal Perspectives	• Energy Transition: Strategies and Policies	20
Fundamentals of Research	• Research Methodology for Internship Report and Thesis	15

SEMESTER 4		
Modules	Courses	Contact hours
Research Project in Sustainable Environmental Engineering and Law	• Thesis	/

Total

365

Master's thesis

Writing a substantial research thesis is mandatory for obtaining the degree. The requirement applies to all students without exception.

Students who choose to undertake an internship are not exempt from writing a research thesis. Their research will be based on practical aspects they encounter during the internship or on data collected throughout the experience. Without submitting a thorough and well-developed research thesis, they will not be able to obtain their Master's degree.

Assessment & graduation requirements

Throughout the year, there will be frequent assessment and evaluations. Students will be evaluated on individual assignments, internships presentations, reports and examinations, which usually take place towards the end of every semester. Attendance to all classes is mandatory and it is important that students are punctual and observe university regulations at all times.



Career prospects

Graduates of the Master SEEL programme will be equipped to explore opportunities in government resources management, regulatory agencies, nature conservation organizations, and across various industries such as chemicals, engineering, logistics, and transportation. They will have many career prospects, including roles as Environmental Scientists or Specialists, Environmental Compliance Officers, Environmental Engineers, Sustainability Consultants, Environmental Legal Experts, Waste Management Officers, Renewable Energy Analysts, Water quality Scientists, Environmental Auditors, and Environmental Researchers.



Admission to our master's programmes is selective and competitive and each applicant will be considered on his/her own merit. Our admissions process ensures that every course has an ideal mix of people with talent, impressive interpersonal skills and a positive attitude.

Admission requirements

General entry requirements:

- Candidates should have a validated bachelor diploma in one of the following disciplines: Geography, Law, Environmental Engineering, Environmental Science, and Engineering Sciences
- Bachelor in a relevant field with a CGPA of 3 out of 4 or equivalent. Candidates with a GPA between 2.5 and 2.99 (or equivalent scores as per the equivalency table) may be conditionally admitted under probation during the first semester. The student will be authorized to continue in the program only if they secure an average of at least 12 out of 20 which is obtained by the end of the first semester. The decision is based on academic performance and will be made official after the completion of the first semester or Bachelor with minimum of 2nd class honours or Bachelor with an average of 12 out of 20
- Bachelor students with a GPA below 3 may be admitted on the ground of their professional and/or personal experience, in case they are granted a VAPP by SU's or UP's VAPP commission
- IELTS certificate with minimum overall band of 6.0 with a validity of 2 years or TOEFL certificate with minimum score of 79 (or equivalent) with a validity of 2 years or Minimum EmSAT English score of 1400 with a validity of 18 months or, Native English speaker who completed 3 full years in an English-medium institution within a maximum period of 3 years

Shortlisted candidates will be asked to attend an interview to assess the candidate's motivation, career expectations and relevant professional experience in the degree area.

Applicants who earned their undergraduate degrees from universities outside the UAE must present a Certificate of Equivalency for their graduation certificates from the UAE Ministry of Education. Applicants, who are holders of undergraduate degrees issued by a licensed higher education institution in the UAE, are required to submit a copy of their degrees attested by the UAE Ministry of Education. For details on requirements, kindly visit the Ministry's website:

www.moe.gov.ae

Tuition Fees

AED 166,400 (approximately US\$ 45,344)

Scholarships are available for this programme*:

- 20% alumni discount
- 25% academic excellence scholarship
- 25% discount upon enrolment on a second master's degree
- 5%-15% corporate offer
- 10% family discount

Visit our website for more information.

*Conditions apply

Why Sorbonne University Abu Dhabi?

In today's fast-paced and globalised economies, knowledge and languages both serve an important role in creating progressive and vibrant societies. The French education system is known for its high level of rigorous critical thinking and debating skills, which play a significant role in developing future pioneers and leaders.

Sorbonne University Abu Dhabi is a globally recognised education institution that serves as a bridge between civilisations by offering a multicultural environment, which promotes and develops a strong culture of tolerance, curiosity, harmony and cultural awareness for today's modern economy. Students have access to internationally acclaimed faculty, world-class facilities and internationally certified degrees, which places them firmly on the right path in preparation for a successful career.

This degree is awarded by Sorbonne University in Paris and officially accredited by the UAE Commission for Academic Accreditation (www.caa.ae).

For more information, please contact:

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June 2024