



SORBONNE
UNIVERSITY
ABU DHABI



Master in
**SUSTAINABLE
ENVIRONMENTAL
ENGINEERING
AND LAW**

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overview

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 SEEL Master's programme is a dual-degree offering, enabling students to earn two prestigious diplomas: one in Law from Université Paris Cité and the other in Geography from Sorbonne Université



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.



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.



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

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.

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	10
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	1



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 gain in-demand skills, opening doors to careers in Environmental Consultancy, Environmental Legal Expertise, Policy Advocacy, Corporate Sustainability, Environmental Compliance Officers, Sustainability Consultants, Renewable Energy Analysts, Water Quality Scientists, Environmental Auditors, and Environmental Researchers



Admission prospects

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.

General entry requirements

- 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 Native English speaker who completed 3 full years in an English-medium institution within a maximum period of 3 years or equivalent
- 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: Ministry of Education.

Sorbonne University Abu Dhabi is committed to considering applications from all students regardless of their country of origin, income, gender, religion or physical condition.

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

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 Université Paris Cité and officially accredited by the UAE Commission for Academic Accreditation (www.caa.ae).





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