



SORBONNE
UNIVERSITY
ABU DHABI



Master in Environment: Dynamics of Territories and Societies

Master Programmes

The 2-year master's programme in Environment: Dynamics of Territories and Societies degree is awarded by Sorbonne University in Paris and delivered by world-class academics in Sorbonne University Abu Dhabi. The programme prepares students for leadership positions in environmental sustainability and planning fields.

The natural environment holds important resources interrelated among each other and with their physical habitat through patterns and relationships of varying complexity. The considerable rise in challenges related to managing natural resources and resolving national and societal needs without compromising the protection of the environment requires specialists in Earth sciences to efficiently assess environmental and spatial issues from every possible angle. Geoscientists and environmental engineers address major international issues, agricultural development and economic inequality in light of a changing climate. Students will examine spatio-temporal patterns and relationships, where objects and phenomena are present.

The programme offers a specialised and multidisciplinary education on the management of environments complemented by practical and applied

courses. Students will also learn how to process and interpret data using advanced GIS methods and techniques. At the successful completion of each module, the students' communication and research skills are expected to be improved. This is done through the delivery of oral and written presentations for the realisation of projects, fieldtrips, workshops, conferences and other scientific events involving experts and specialists from different fields.

Our faculty is composed of Sorbonne University professors and external professionals who have achieved worldwide acclaim. We also recruit renowned personalities from specialised institutions in France and the UAE as visiting lecturers. Courses are generally interactive and every teacher provides additional materials to aid learning. This master's programme is supported by the Departments of Geography and Planning, Law, Economics, and Foreign Languages.





Overview



Programme highlights

Complementing individual & national development

Abu Dhabi has highlighted environmental and economic progress and diversification at the core of its development mandate. This programme was launched to meet expectations from National Government entities including Abu Dhabi Ports, Abu Dhabi National Oil Company (ADNOC), Abu Dhabi Water and Electricity Authority, The Ministry of Climate Change and the Environment Agency Abu Dhabi and the Abu Dhabi Department of Culture & Tourism, the Department Of Urban Planning And Municipalities among others.

The curriculum at Sorbonne University Abu Dhabi is an important component to creating a new generation passionate about global, regional, and local environmental initiatives, policies and technologies, aligning to the future growth and prosperity of Abu Dhabi Emirate and the country.

Analysing territories from their physical & societal dimensions

This master's programme places a central focus on the synergy between cultures and the natural environment from diagnosing territories using advanced techniques and analysis methods for the characterisation of environmental patterns in order to help protecting places of historic, scientific and cultural significance.

International recognition

Sorbonne University Abu Dhabi provides the combined experience of Sorbonne University and Université Paris Cité. This rich heritage of joint excellence is now available in Abu Dhabi, under the Ministry of Education and is recognised worldwide.

Networking

Each class will have a limited number of students from different countries and different cultures. A strict entry selection procedure will guarantee the quality of the degree and will allow you to expand your personal network with high potential peers.

There are abundant rewarding career opportunities on a regional and global scale for graduates of the Environment: Dynamics of Territories and Societies master degree

The degree in Environment: Dynamics of Territories and Societies 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. The exclusively designed course schedule includes classes on weekends in consideration of students who intend to combine their studies with work.

Structure

Semester 1				
UE	Course code	Course name	ECTS	Contact hours
UE1: Interdisciplinary skills			9	
	ENV 520	Geographical application in environment	3	16
	ENV 511	GIS and environmental geodatabase	3	16
	ENV 508	Statistics	3	16
UE2: Interdisciplinary knowledges			3	
	ENV 502	Environmental issues	3	16
UE3: Language			3	
	LaOp	Language	3	18
UE4: Programme EDTS			12	
	ENV 509	Watershed management	3	16
	ENV 519	Environmental transition	3	16
	ENV 510	Social adaptation to climate change	2	16
	ENV 501	Ecology and biodiversity	2	16
	ENV 506	Field survey 1	2	16
UE5: Elective course			3	
	ENV 505	Geoarchaeology	3	16
Total			30	178

Semester 2				
UE	Course code	Course name	ECTS	Contact hours
UE1: Interdisciplinary skills			3	
	ENV 515	Professionnal project	1.5	16
	ENV 522	Report preparation	1.5	16
UE2: Interdisciplinary knowledges			3	
	ENV 523	Natural and technological risk management	3	16
UE3: Language			3	
	LaOp	Language	3	18
UE4: Programme EDTS			12	
	ENV 504	Quaternary palaeoenvironment	2	16
	ENV 516	Geomorphological crisis	3	16
	ENV 528	Water and soil resources	2	16
	ENV 500	Geoheritage and geodiversity	2	16
	ENV 513	Global climate change: challenges and impacts	3	16
UE5: Internship			9	
Total			30	146

Structure

Semester 3				
UE	Course code	Course name	ECTS	Contact hours
UE1: Interdisciplinary skills			6	
	ENV 515	Energy transition: strategies and policies	3	16
	ENV 518	Advanced GIS	3	16
UE2: Language			3	
	LaOp	Language	3	18
UE3: Programme EDTS			18	
	ENV 524	Coastal risk management	3	16
	ENV 507	Environmental governance	3	16
	ENV 514	Interdisciplinary environmental projects	3	16
	ENV 527	Environmental engineering	3	16
	ENV 530	Urban sustainability	3	16
	ENV 521	Field survey 2	3	16
UE4: Elective course			3	
	ENV 517	Remote sensing and environmental geoprocessing	3	16
Total			30	162

Master's thesis

Non-employed students will be required to submit an extended essay based on their internship. Full-time employed students will be required to submit a research based thesis.

Internship

For nonworking students, Sorbonne University Abu Dhabi has integrated a mandatory internship in the second year.

The internship will encourage critical thinking and improve students' reasoning abilities by blending academic theory with real life work experience. Students will benefit from a greater depth of experience working in a professional environment.

The internship also provides an excellent opportunity to gain crucial insights and improve access to various career opportunities in the region and beyond. Students will discover that this collaborative learning process can lead to enduring professional relationships, which will open doors and forge new career paths.

Semester 4				
UE	Course code	Course name	ECTS	Contact hours
UE1: Internship			30	
	ENV 531	Thesis	30	
Total			30	
Total Master			120	486

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

There are abundant rewarding career opportunities on a regional and global scale for graduates of the Environment: Dynamics of Territories and Societies master programme.

Career prospects vary from positions in government agencies related to urban management, natural resources management, policy planners and assessors, NGOs, community development and urban affairs, semi-public organisations, private and/or cooperative companies and research departments in the environment, town and country planning and food processing sectors.





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:

- 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 can be granted a conditional acceptance subject to a probation period of one semester
- 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 177,900 (approximately US\$ 48,478)

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 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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