



SORBONNE
UNIVERSITY
ABU DHABI

Master in Environment: Dynamics of Territories and Societies

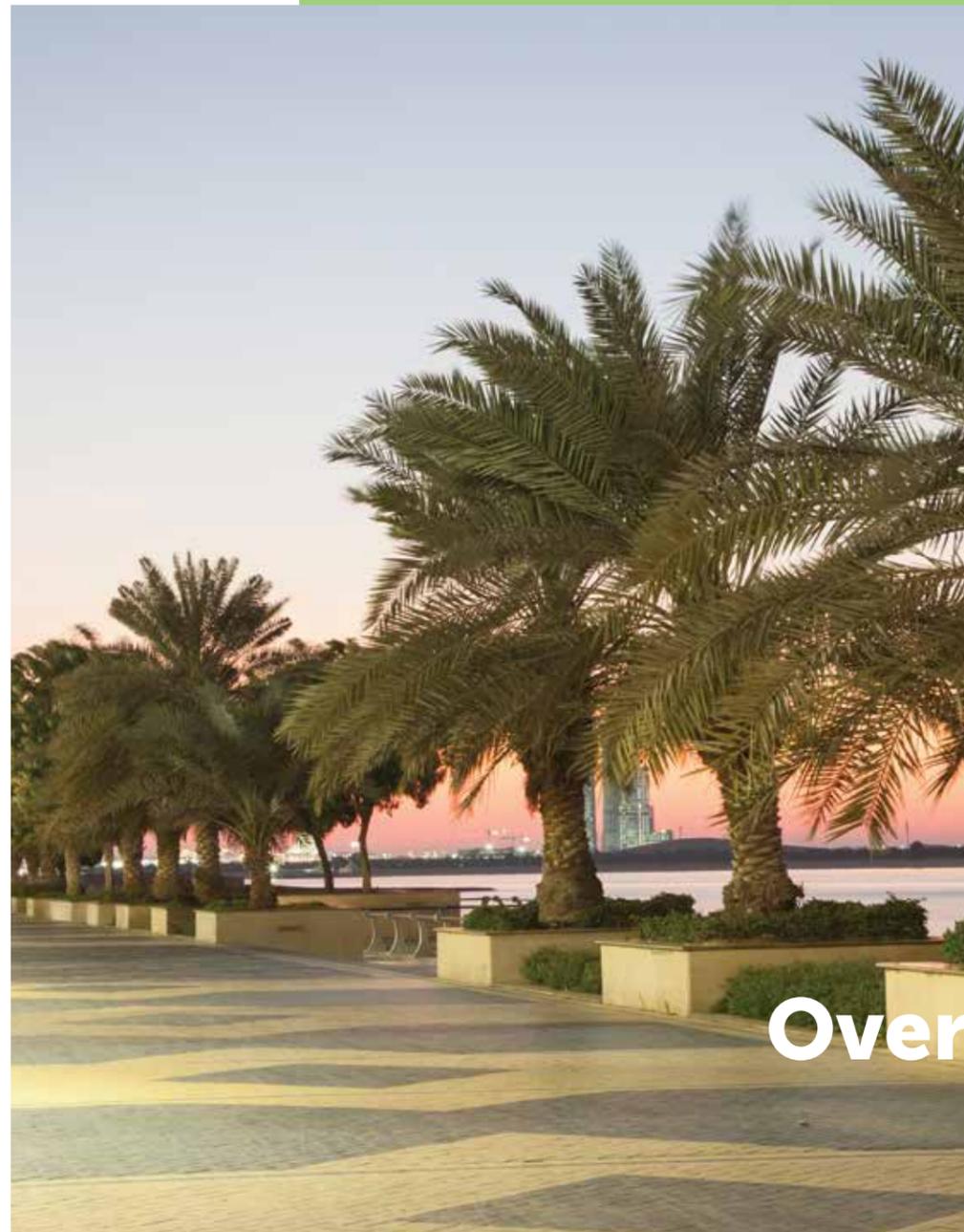
The 2-Year Master in Environment: Dynamics of Territories and Societies prepares students for careers in the environmental and planning fields.

The natural environment is an important resource with different degrees of complexities. 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 geoscience to efficiently assess environmental and spatial issues from every possible angle. Geoscientists and geo-engineers address major international issues that define the 21st century including globalisation, agricultural development and economic inequality. You will examine spatial relationships, where things and elements are located and also learn about the processes and technologies that regulate these observed patterns.

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 based on location and spatial factors and devise solutions

using GIS approaches and tools. At every point of the course your communication skills and research will be encouraged through projects, workshops and dialogue with faculty and experts. The combination of intensive learning and practical application of technologies like GIS along with spatial analysis and data visualisation will sharpen skills, boost performance and ensure students are well positioned for a rewarding career.

Our faculty is composed of Sorbonne University professors and external working 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, Foreign Languages, and Musée National d'Histoire Naturelle de Paris.



Overview



Programme highlights

Complementing individual & national development

Abu Dhabi has highlighted economic progress and diversification at the core of its development mandate. This programme was launched to meet expectations from National Government entities including Khalifa Port, ADNOC, Abu Dhabi Water and Electricity Authority, The Ministry of Climate Change and Environment and the Department of Culture and Tourism among others.

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

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 various techniques and statistical tools to characterising geographic and environmental patterns, helping protect places of historic, scientific and cultural significance.

International recognition

Sorbonne University Abu Dhabi provides the combined experience of Sorbonne University and University of Paris. 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 reduced number of students from different countries. 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

Year 1	
Modules	Courses
Functioning and Dynamics of Environments 1	Ecology and Biodiversity Introduction to Environmental Anthropology
Functioning and Dynamics of Environments 2	Contemporary Dynamics of Society (Nature Relations, Natural Risks and Disasters and Technological Risks) Geoarchaeology Paleo Environment, Geohistory
Sciences of Space Analysis and Representation	Field Survey, Statistics Map Design: Mapping using Satellite Images
Language 1	Option of French, Arabic, Advanced English or Spanish* *Language options offered may vary year on year
Multidisciplinary Geoenvironmental Approach	Understanding an Environment (Ecology, Geography, Agronomy and Ethnology) Environmental Law, Natural and Cultural Heritage Law
Project Diagnosis, Assessment and Execution	Project Diagnosis, Assessment and Project Management Execution of a Specialisation Project in a Professional Situation (2 months)
Processing and Analysis of Field Information	Creation and Management of Environmental Geodatabases GIS and Environmental Geoprocessing
Language 2	Option of French, Arabic, Advanced English or Spanish* *Language options offered may vary year on year

Year 2	
Modules	Courses
Territorial Diagnosis and Risk Management	Development and Management of Environmental Heritage (Geosites, Geomorphosites) Unknown Factors, Stakes and Natural and Technological Risk Management (Case Studies)
Operational Project Management	Project Organisation and Management Workshop Practical Application (Planning of Complex Ecosystems)
Specialised Geomatics Workshop	Advanced GIS Remote Sensing and Generation of Spatiotemporal Data for Environmental Studies
Language 3	Language
Internship	Internship Thesis

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.

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:

Candidates must complete an online application and upload the following items:

- A copy of the bachelor degree earned in a discipline appropriate for the programme
- A copy of the high school diploma
- A detailed curriculum vitae*
- A personal statement (not exceeding one page)
- For non-native English speakers a minimum EmSAT – English score of 1400 or TOEFL score of 550, 213 CBT, 79-80 iBT or an IELTS score of 6.0, valid for at least two years
- Official academic transcripts, official test scores

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

International applicants are required to present an equivalency of their degree from the UAE Ministry of Education located in Abu Dhabi. For details on the requirements, visit the website: <https://www.moe.gov.ae>

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 granted 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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