



SORBONNE  
UNIVERSITY  
ABU DHABI



# *Master in* **HEALTH ECONOMICS**

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# overview

The Master in Health Economics degree is awarded by Paris Cité University in Paris and delivered by world-class academics in Sorbonne University Abu Dhabi. The programme prepares students for jobs in the Health Economics field. Students are taught on the ideal use of applied quantitative methods for the analysis of health care data and to provide a sound understanding of health economics issues that surface in today's globalised economy.

In recent years, regional health care systems have undergone major changes leading to extensive health economic evaluations. With a perceptible increase of big data within health care systems, there is an escalating demand for health care professionals to competently manage, explore, understand, and analyse data to facilitate decision-making.

Two specific needs have been identified for the Master in Health Economics degree. Firstly, a need for training in cost-effective analyses to evaluate the economic efficiency of drugs or policies and secondly, training in econometrics to explore care consumptions and care pathways in health data.

The first year of the programme provides the fundamentals in data management and econometrics, and

includes introductory courses on several health economics issues. Several courses will be held in computer labs using statistical software so that students learn how to analyse cross-sectional data. Students also learn financial and management skills to understand health care expenditure trends.

During the second year, the course takes on a more specialised approach. Courses include understanding health economic issues in the private and public sectors. Students are taught the health technology assessment (HTA) to examine the economic efficiency of new health technologies. The Markov models are introduced, teaching students how to achieve and interpret cost-effective analyses. Econometrics models are explored in depth and individual and interactive decisions are explored in 'Game Theory', 'Law and Economics', and 'Decisions under Health Risks.'

The curriculum is delivered by visiting professors from France and the UAE. Our faculty has achieved worldwide acclaim and imparts a thorough knowledge of Health Economics through theoretical courses, case studies, lectures, seminars and workshops. Students will have valuable opportunities to interact with professionals from various health care industries who will provide up-to-date perspectives on developments in the health care market.





# Programme *highlights*

## → Aligning individual & national development

Within the next decade, the UAE will emerge as an important driver of socio-economic sustainability. An efficient health care system is a critical aspect of the UAE's progress and this curriculum will be crucial in creating and encouraging a new generation passionate about implementing initiatives, policies and technologies that align to future healthcare demands in the United Arab Emirates.

## → 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 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.



# Structure

The degree in Health Economics 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 evening and weekend classes in consideration of students who intend to combine their studies with work.

## Year 1

### COURSES

- Office Software
- Choice between Economic Calculus or Advanced Contract Law
- Financial and Strategic Analysis
- Project Management
- Management and Strategy
- Advanced Internship Support
- Public Policies Assessment
- Communication in Economics and Management I
- Quantitative methods of management
- Communication in Economics and Management II
- Financial and Strategic Analysis
- Theory and Modeling in Finance
- Internship
- Decision Making tools
- Economics Report
- Data Analysis Applied to Economics
- Forecasting techniques
- Initiation to Research

## Year 2

### COURSES

- Health Economics
- Economics of Health insurance
- Collective Decisions
- Health Industries
- Insurance Law in the UAE
- Data analysis in HTA
- Time Series Econometrics
- Panel Data Econometrics
- Decisions in HTA
- Statistics in HTA
- Decisions Under Health Risks
- Health Economics Report
- Research seminar & dissertation
- Game Theory

## 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 or professional report.

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 Master in Health Economics degree, at both regional and global levels. Graduates with a specialisation in Health Economics are eagerly sought after. For emerging and experienced professionals, career prospects vary from Senior Positions in government agencies, Consulting groups, and Health Care industries. The scope of experiential learning opportunities at Sorbonne University Abu Dhabi will definitely give you a competitive edge in your career.



# 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 authorised to continue in the programme 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](http://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](http://www.caa.ae)).





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March 2025

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