



Master in Health Economics



Overview

The Master in Health Economics 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



For emerging and experienced professionals, career prospects vary from senior positions in government agencies, consulting groups, and health care industries

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

Paris-Sorbonne University Abu Dhabi provides the combined experience of three globally renowned French universities including Paris-Sorbonne University, Paris-Descartes University and Pierre and Marie Curie University. This rich heritage of joint excellence is now available in Abu Dhabi, under the Ministry of Higher Education and is recognised worldwide.

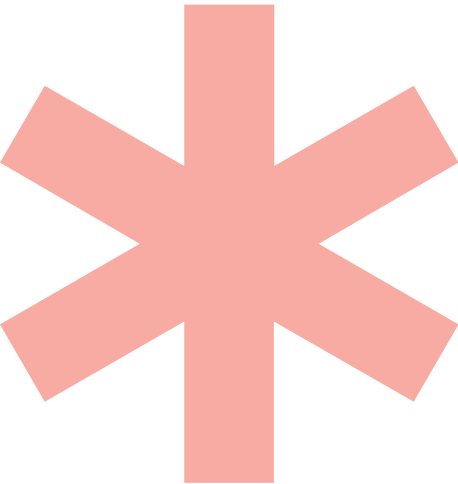
NETWORKING

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 their work.

YEAR 1	
MODULES	COURSES
Financial Analysis	Financial Analysis and Strategy
Management	Management and Strategy Project Management
Research	Initiation to Research
Professional Competencies	Job-Oriented Career Course Business English 1 Professional Software
Quantitative Methods 1	Economic Calculus Public Policies Assessment Quantitative Methods of Management
Quantitative Methods 2	Forecasting Techniques Decision Making Tools
Health Insurance and Finance	Financial Analysis and Strategy 2 Theory and Modelling in Finance and Insurance Health System, Insurance, Prevention Health Economics Report
Job Integration	Business English 2 Internship



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, Paris-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.

YEAR 2	
MODULES	COURSES
Health Economics	Health Industries Incentives in Health Care Health Economics
Health Technology Assessment (HTA)	Decisions in HTA Statistics for HTA Data Analysis in HTA
Modelling Healthcare Behaviours	Decisions Under Health Risks Law and Economics Game Theory
Econometrics	Panel Data Econometrics Time Series Econometrics Collective Decisions and Societal Choices
Research	Research Seminar and Dissertation



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 Paris-Sorbonne University Abu Dhabi will definitely give you a competitive edge in your career.

Admission requirements

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:

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 an EMSAT – English - minimum score of 1400 or a 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

*The admission committee might grant direct entry into Year 2 of the programme for outstanding applicants with extensive related work experience.

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

Why Paris-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.

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

For more information, please contact:

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