



Department of
Health Policy

Executive MSc Health Economics, Outcomes and Management in Cardiovascular Sciences

In collaboration with the European
Society of Cardiology

lse.ac.uk/Cardio-exec-MSc



Transform the future of cardiovascular medicine

The Executive MSc Health Economics, Outcomes and Management in Cardiovascular Sciences is a specialist programme for health care professionals and industry leaders in the cardiovascular sciences. Developed in collaboration with the European Society of Cardiology, the programme offers a set of tailored courses in health economics, outcomes research, and health care management.



Developed in collaboration with the
European Society of Cardiology

Gain the skills you need to accelerate your career

The advanced training in the programme provides participants with the key skills they need to become future drivers of change in their clinics, hospitals, regional and national health systems, regulatory bodies, and at an international level.



2 years

An expanding network of our graduates are taking on roles in guideline development panels, health technology assessment committees, public-private research initiatives, consulting companies, and other health care industries with the skills gained at the LSE helping them to excel.



8 courses

Complete your study around full-time work

Over two years, the courses will be delivered in four intensive two-week teaching blocks at the London School of Economics and Political Science. This schedule allows you to complete the degree alongside full-time work.



4 teaching blocks at LSE

“ This course will not only provide cardiovascular specialists with the opportunity to acquire world-class knowledge in health economics, outcomes research and management, it will allow the next generation of leaders to broaden their horizons in an international environment. ”

Professor Panos Vardas

ESC President 2012-2014

ESC Chief Strategy Officer, European Heart Agency

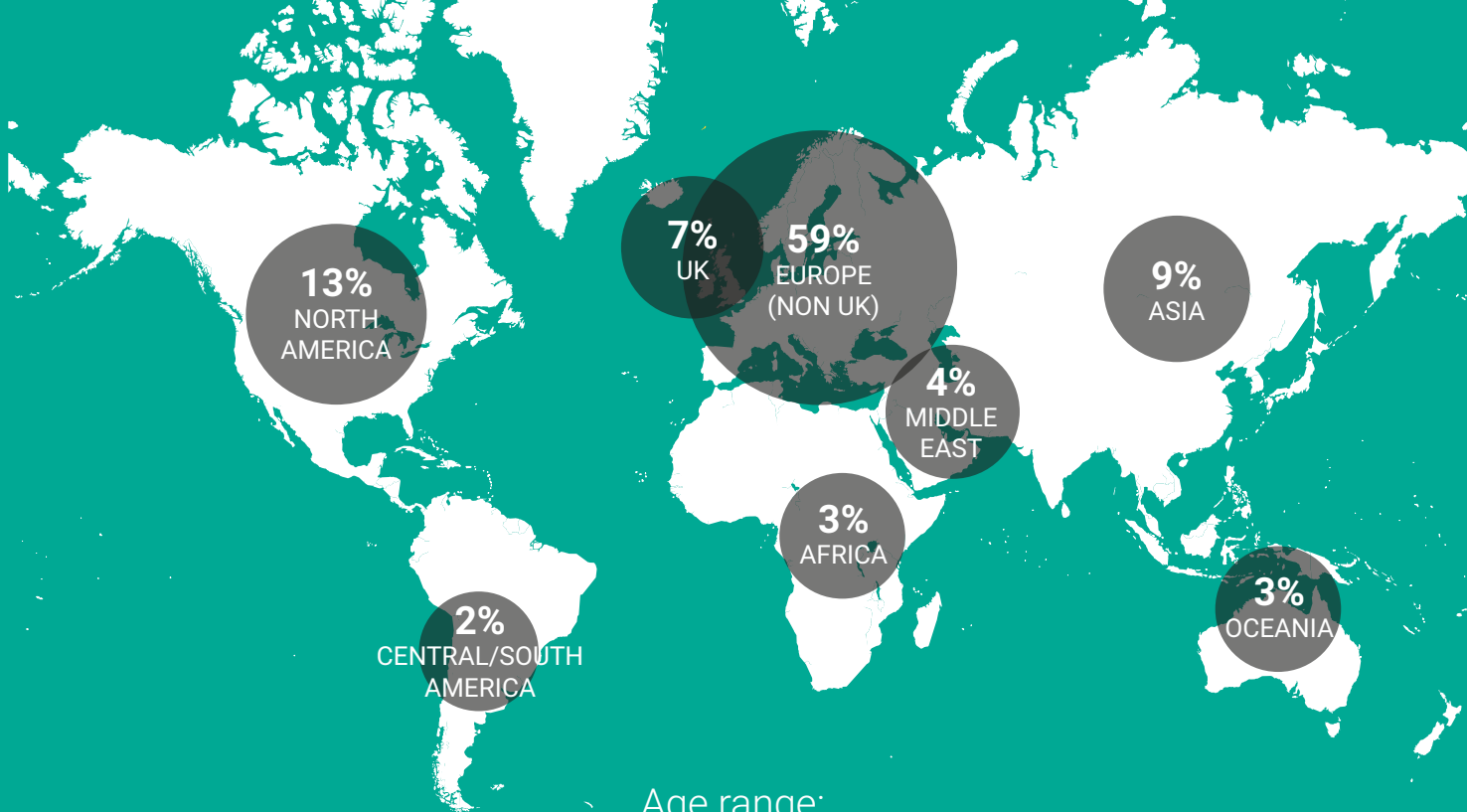


The programme has a carefully crafted curriculum to ensure that health care professionals in the cardiovascular medicine field gain a complementary set of skills to their specialized training in clinical medicine. ”

Dr Huseyin Naci

Programme Director & Assistant Professor
LSE Department of Health Policy





Students from
over **35** countries

Age range:
28 **40** **57**
AVERAGE

Average
cohort size: **35**



“ The knowledge that I gained through the programme has enhanced the direction of my career. I am now working in a strategic role in the Health Service Executive, applying the concepts of health

economics to support service improvement and decision-making. I would recommend the programme to anyone who wants to have the chance to be engaged in the discussion and influence policy-making at that level. ”

Bridget Caffrey-Armstrong

Project Manager
Health Service Executive
Class of 2017
ESC Scholarship Awardee



“ I would recommend this programme to clinicians that want to take on a bigger role in shaping the future of healthcare. The programme has opened up several opportunities for me and has helped facilitate

a career transition, enabling me to secure the position of Medical Director in the Norwegian Healthcare Investigation Board. This programme has also expanded my network and helped me build the skills that are needed to meet the future challenges of healthcare. ”

Athar Ali Tajik

Director of Medicine
The Norwegian Healthcare Investigation Board
Class of 2017
ESC Scholarship Awardee

Programme calendar

YEAR 1

- > Quality and Outcomes in Cardiovascular Sciences
- > Economic Analysis for Health Policy
- > Fundamentals of Management and Leadership in Health Care
- > Economic Evaluation in Health Care

YEAR 2

- > Using Health Economics to Analyse and Inform Policy and Practice

⊕ three elective courses
See course description pages for more information.

Courses

YEAR 1

Quality and Outcomes in Cardiovascular Sciences

- > Provides an overview of the concept of quality, its key components, and its measurement in different health care systems.
- > Offers a critical perspective on the literature evaluating quality improvement interventions focused on the cardiovascular disease field.

Economic Analysis for Health Policy

- > Serves as an introduction to major developments in the economics of health and health care.
- > Provides health care professionals with a strong understanding of the role economics can play in health policy and health system administration.

Fundamentals of Management and Leadership in Health Care

- > Delivers an introduction to the theory and practice of management for specialists moving into leadership roles in the health care field.
- > Explores a holistic view of organisational phenomena, and equips you with the ability to critique and synthesise the lessons of theory on the basis of effective and reflective practice.

Economic Evaluation in Health Care

- > Focuses on analytic methods in the economic evaluation of health interventions.
- > Provides a strong foundation in cost-effectiveness analysis of interventions used in long-term chronic illnesses.

Courses

YEAR 2

CORE

Using Health Economics to Analyse and Inform Policy and Practice

- > Gives an overview on how health systems are constructed, and how the various parts of the system interact.
- > Focuses on the role of regulation, resource allocation, payment arrangements, and the complexities of evaluating policy and performance.

Students will then choose three courses from the following:

Measuring Health System Performance

- > Presents a framework to discuss the opportunities and challenges with performance measurement in health care.
- > Focuses on the measurement instruments and analytic tools needed for performance measurement.

Financing Health Care

- > Gives a thorough grounding in health financing policy.
- > Focuses on the health financing functions of collecting revenue, pooling funds and purchasing services, as well as policy choices concerning coverage, resource allocation and provider payment mechanisms.

Research Design for Evaluating Health Programs and Policies

- > Provides a practical overview of the principles and models of evaluation, and the role of theories, concepts, and hypotheses.
- > Covers study design choices in light of bias, validity and other design trade-offs.

Behavioural Insights for Health Incentive Design

- > Introduces the main tools and principles of behavioural sciences and the key state-of-the-art applications to health economics, policy, and management.
- > Applies behavioural science tools to challenges in the health sector.



Advanced Health Economics

- > Builds on your understanding of health economics through covering a range of advanced topics including international comparisons of health care expenditure, health care insurance, contract theory applied to the health care sector, equity in health care, and health behaviour.

Statistical Methods in Health Care Economic Evaluation

- > Develop the statistical and modelling techniques necessary to apply economic evaluation to the health care sector by mastering a range of statistical methods.
- > Cover linear regression analysis, logistic regression analysis, survival analysis, economic evaluation and clinical trials.

Health Administration and Management

- > Gain an orientation and overview on managing organisations within health systems.
- > Cover governance, execution, strategy, and sustaining human resources, including an examination of the uses of accounting and other forms of reporting to manage health services.

Systematic Review and Meta-analysis

- > Covers the principles of reviewing and synthesizing the existing body of literature.
- > Provides an overview of methods for quantitatively synthesizing multiple randomized controlled trials in meta-analysis.

Please note that course regulations may change. For the most up-to-date list of courses, please visit lse.ac.uk/Cardio-exec-MSc




How to apply

For more information and to apply, visit
lse.ac.uk/Cardio-exec-MSc

You will be required to submit your academic transcript, an academic statement of purpose, two references and your CV to complete your application.

If you have any questions about the programme, please contact us at
healthpolicy.exec@lse.ac.uk



“ Cardiovascular diseases remain the main cause of morbidity and mortality globally. Both medical and economic knowledge is essential to achieve the best results for patients, care providers and health systems. We are delighted to be partnering with the prestigious European Heart Academy to deliver this unique graduate programme designed for experts working in this field. ”

Professor Elias Mossialos
Head of LSE Department of Health Policy

Apply now

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