



Department of  
**Health Policy**

# Executive MSc Health Economics, Outcomes and Management in Clinical Sciences

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In collaboration with the European  
Society of Cardiology

[lse.ac.uk/Clinical-exec-MSc](https://lse.ac.uk/Clinical-exec-MSc)



# Transform the future of health systems

The Executive MSc Health Economics, Outcomes and Management in Clinical Sciences is a specialist programme for health care professionals and industry leaders. The programme offers a set of tailored courses in health economics, outcomes research, and health care management.

## 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.

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.

## 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.



Developed in collaboration with the  
**European Society of Cardiology**




**2** years



**8** courses



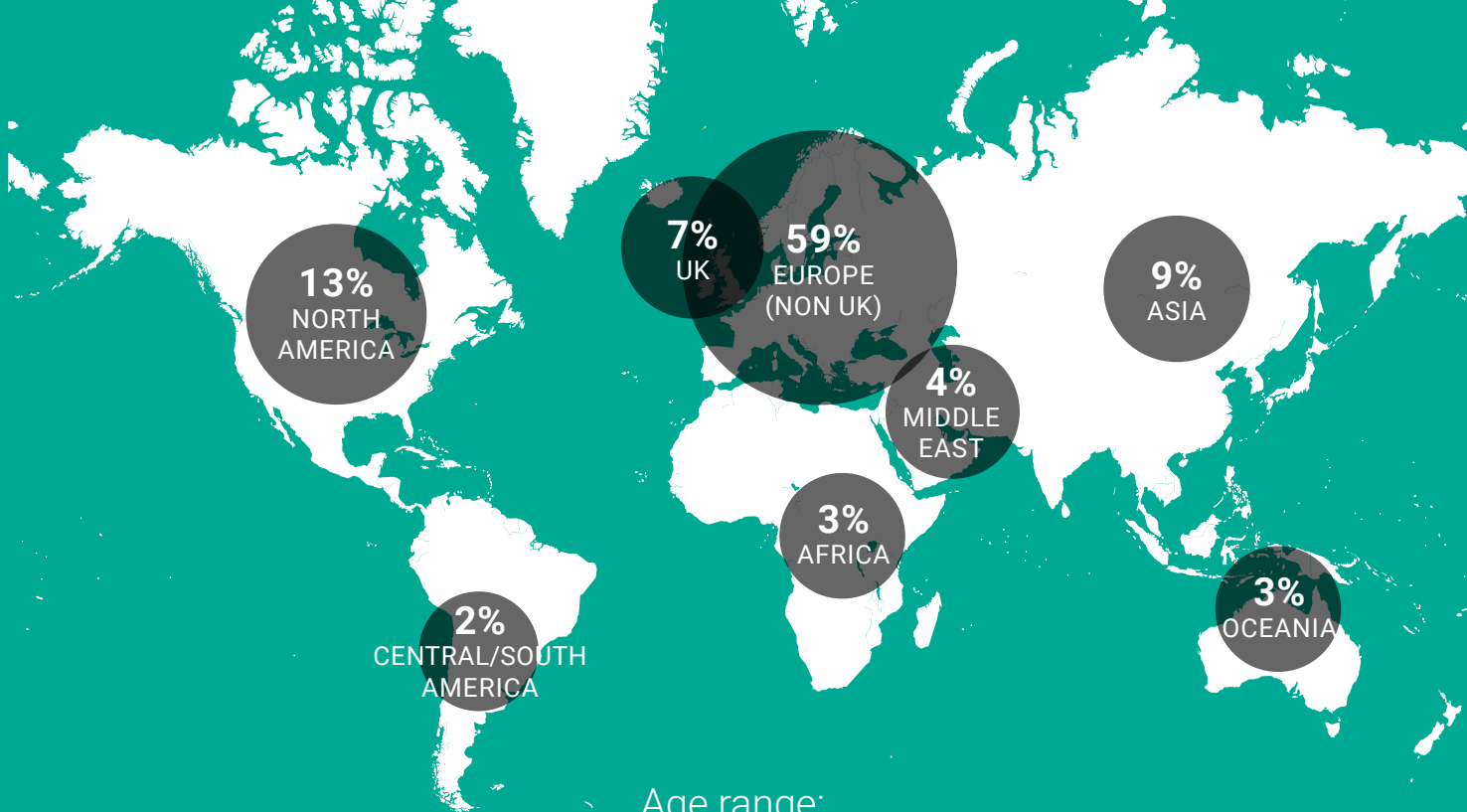
**4** teaching blocks at LSE

A photograph of the London skyline. On the left, the Gherkin (30 St Mary Axe) is prominent with its distinctive diamond-patterned glass facade. To the right, The Shard stands tall with its sharp, tapering glass structure. The background shows a hazy cityscape under a soft, overcast sky.

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

**Dr Huseyin Naci**  
Programme Director  
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

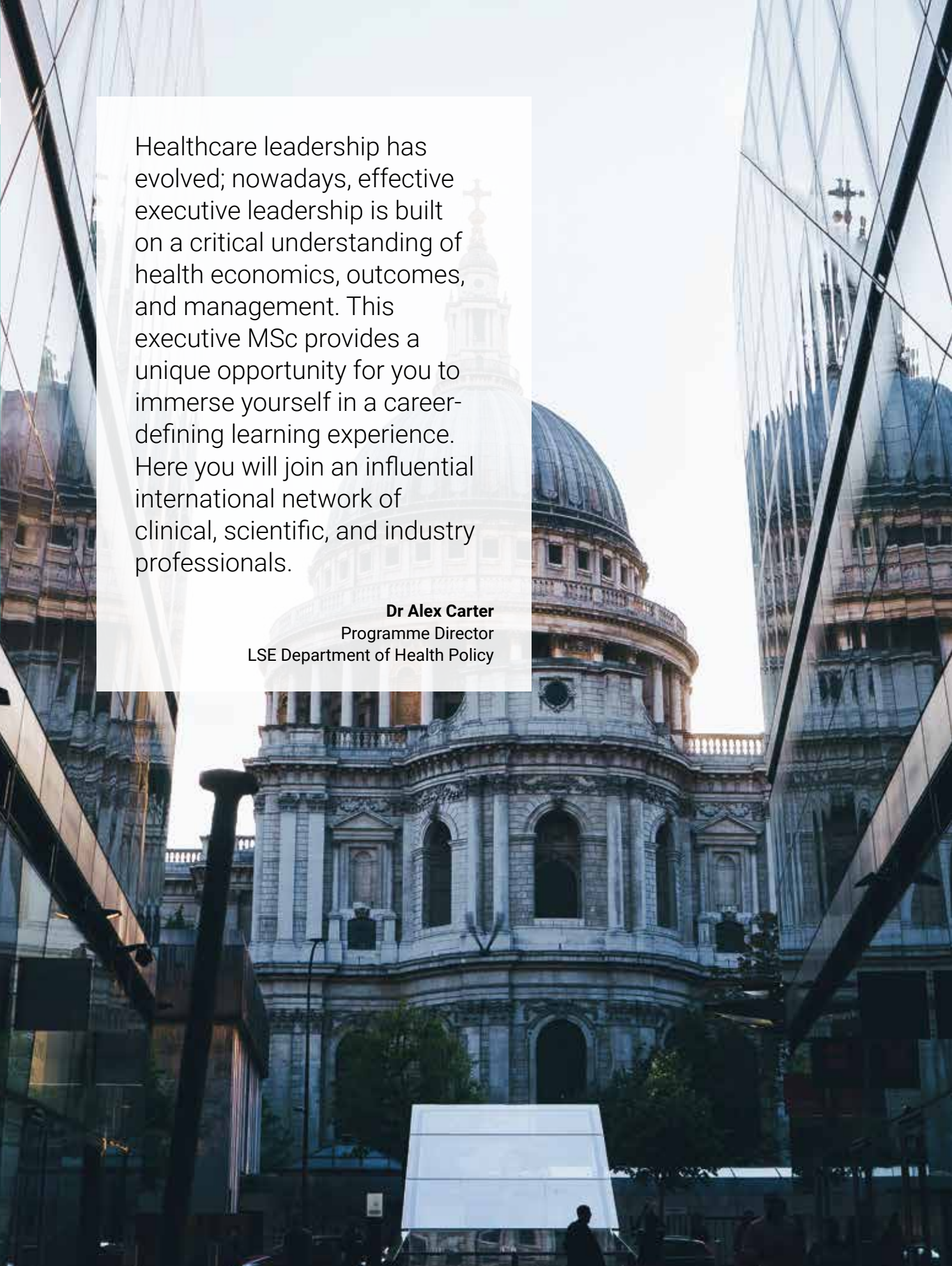


“ I would recommend this programme to clinicians that want to take on a bigger role in shaping the future of healthcare. The programme has opened up several opportunities for me and has helped facilitate

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

A photograph of St Paul's Cathedral in London, viewed through the narrow gap between two modern glass skyscrapers. The cathedral's iconic dome and classical architecture are visible in the background, while the foreground shows the dark, reflective surfaces of the modern buildings and a few silhouetted figures on the street.

Healthcare leadership has evolved; nowadays, effective executive leadership is built on a critical understanding of health economics, outcomes, and management. This executive MSc provides a unique opportunity for you to immerse yourself in a career-defining learning experience. Here you will join an influential international network of clinical, scientific, and industry professionals.

**Dr Alex Carter**  
Programme Director  
LSE Department of Health Policy

# Programme calendar

## YEAR 1

- > Quality and Outcomes in Clinical 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 Clinical 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.

### **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.

## Principles of Health Technology Assessment

- > Introduces the key principles of Health Technology Assessment, its operational modalities, the different models of value assessment and how they link to decision-making.

## Research Design for Evaluating Health Programs and Policies

- > Provides an overview of the principles and models of evaluation, and the role of theories, concepts, and hypotheses. Focuses on experimental and quasi-experimental designs for evaluating health interventions, programmes and policies aimed at achieving high quality care, reducing costs, and improving health outcomes.

Please note that course regulations may change. For the most up-to-date list of courses, please visit [lse.ac.uk/Clinical-exec-MSc](https://lse.ac.uk/Clinical-exec-MSc)




## How to apply

For more information and to apply, visit  
[lse.ac.uk/Clinical-exec-MSc](https://lse.ac.uk/Clinical-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](mailto:healthpolicy.exec@lse.ac.uk)





As resource issues become ever more important within the health care sector, it becomes vital that those within the sector have a thorough understanding of how to best allocate and manage these resources. This programme equips students with the skills and tools to do so. Partnering with the European Society of Cardiology, the programme gives a unique perspective and understanding of the current problems faced by health care systems. Designed to allow mid-career individuals to continue working while taking the programme, students gain knowledge that builds on their own experience to become leaders in their chosen fields.

**Professor Alistair McGuire**  
Head of LSE Department of Health Policy

Apply now

[lse.ac.uk/Clinical-exec-MSc](https://lse.ac.uk/Clinical-exec-MSc)



## Contact us

Web: [lse.ac.uk/Clinical-exec-MSc](http://lse.ac.uk/Clinical-exec-MSc)

Email: [healthpolicy.exec@lse.ac.uk](mailto:healthpolicy.exec@lse.ac.uk)