



The  
University  
Of  
Sheffield.

School  
Of  
Health And  
Related Research.

**ScHARR**

**MSc Health  
Economics  
and Decision  
Modelling**

**In the current economic climate, all health care systems face resource constraints. The importance and use of health technology assessment and health economic modelling is rapidly increasing.**

This programme will help you develop the analytical skills required to evaluate the clinical and cost-effectiveness of health technologies such as new drugs, public health initiatives, screening programmes and diagnostic tools.

We teach one of the most established programmes in the UK, with an international reputation for its expert content. Unlike other courses, you'll be taught practical, transferable skills alongside the theories behind the material. Health economics is a growing area with a national shortage of qualified postgraduate specialists.



## About the programme

### The programme will develop your understanding of:

- the principles of economic evaluation and microeconomics and how they are applied to health care
- common techniques used in health economic analysis and how to interpret and analyse the results of a cost-effectiveness model
- key concepts and methods used in medical statistics
- research methods used in the evaluation, assessment and analysis of technologies in healthcare
- the valuation of the benefits of healthcare interventions
- advanced simulation methods

We are able to offer dissertation students a research based placement with an external organisation such as a health economics consultancy, an academic department or a pharmaceutical company. This provides you with a valuable opportunity to practise and develop your skills and prepare you for employment.

## Is this for me?

It's for anyone who wants to establish a career in this field. Graduates develop the transferable skills and knowledge to work anywhere in the world as a professional decision-analytic modeller or health economist. You can study full-time or part-time and we also offer postgraduate diploma, postgraduate certificate and single module options.

## You will need

- A 2:1 honours degree (or equivalent) in a related numerate subject. Visit our website for further information.
- To meet our English language requirements.

## Why Sheffield?

- One of the largest multi-disciplinary schools of public health and health services research in the UK.
- Teaching informed by world-class research.
- Committed to tackling the world's biggest health challenges.
- One of the 50 most international universities in the world.

## Contact details

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## Find out more

[www.sheffield.ac.uk/scharr/study](http://www.sheffield.ac.uk/scharr/study)