



PRIFYSGOL  
**BANGOR**  
UNIVERSITY

**Masters in Health Economics by Research**  
**Masters in Pharmacoeconomics by Research**





Canolfan Economeg Iechyd a Gwerthuso Meddyginiaethau

# CHEME

Centre for Health Economics and Medicines Evaluation



PRIFYSGOL  
**BANGOR**  
UNIVERSITY

- Introducing the *Masters in Health Economics or Pharmacoeconomics by Research (MScRes)* at the Centre for Health Economics and Medicines Evaluation, Bangor University
- Full flexibility for full-time or part-time study, on-campus or by e-learning
- Top 10 university in the UK for student satisfaction
- Top 20 of UK universities that offer excellence in both teaching and research





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**CHEME**

Centre for Health Economics and Medicines Evaluation



PRIFYSGOL  
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UNIVERSITY

- Masters in Health Economics or Pharmacoeconomics by research MScRes
- Public health economics or Pharmacoeconomics
- 1 year full-time or 2 years part-time
- On-campus or e-learning
- Pathway to MPhil (+1 yr) or PhD (+2 yrs) full-time

# Structure

- Summer school (optional)
- Research methods module\*
- Introduction to Health Economics module\*
- Residential / online short courses
  - ▣ Public health economics or
  - ▣ Pharmacoeconomics
- Research project
  - ▣ Substantive research & thesis up to 50,000 words

\*Available as eLearning course

# Research topics

- Pharmacoeconomics
  - ▣ Cost effectiveness analysis of medicines, pharmacogenetics, pharmaceutical services
  - ▣ Pharmaceutical policy
  - ▣ Methods of economic evaluation and health technology assessment
- Public health economics
  - ▣ Valuing nature, public health and the circular economy
  - ▣ Behavioural economics, public health and health policy
  - ▣ Application of cost benefit analysis and social return on investment analysis in public health

# Application details

- IELTS score of 7.0 or above
- Degree class of 1<sup>st</sup> or 2:1 or equivalent, in a relevant subject:
  - ▣ Social science e.g. economics, psychology
  - ▣ Quantitative science e.g. mathematics, operational research
  - ▣ Medical e.g. pharmacy, medicine, nursing, biomedical sciences
- Cost\*
  - ▣ Home/EU: £4,394
  - ▣ International: £16,500



\*Up to date figures available from: <https://www.bangor.ac.uk/ar/main/fees/index.php.en>

# Supervisors

- Supervision is provided by experienced health economists within the Centre for Health Economics and Medicines Evaluation
- Professor Dyfrig Hughes leads the pharmacoeconomics theme, supported by staff with skills in health technology assessment, economic modelling, budget impact analysis, choice modelling, pharmaceutical policy, prescribing research and trial-based economic evaluations
- Professor Rhiannon Tudor Edwards leads the public health economics theme, supported by staff with skills in economic evaluation including cost benefit analysis and social return on investment analysis, realist and systematic reviewing, programme budgeting and marginal analysis, and policy evaluation

# Career opportunities

- The MSc equips students with research skills relevant to employment in:
  - ▣ Academia / University sector
  - ▣ National Health Service and other government organisations
  - ▣ Private sector such as consultancy and the pharmaceutical industry



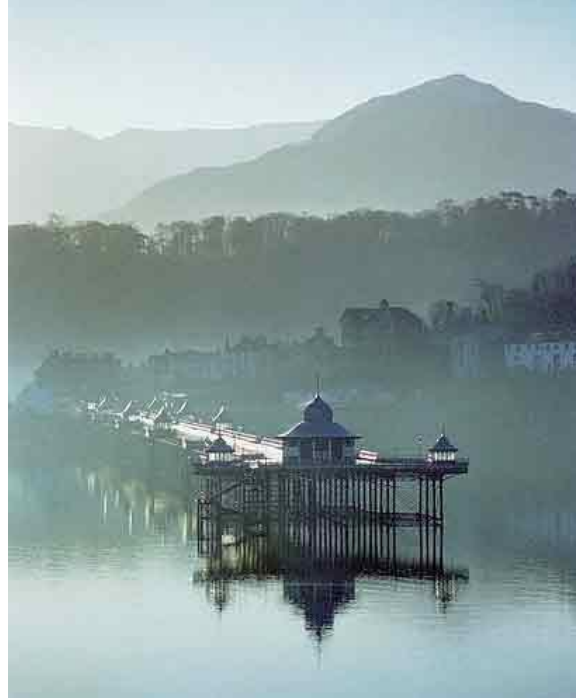
# Testimonial

- *“The Master’s by Research in Health Economics has enabled me to develop my quantitative, theoretical and analytical skills in an exciting area of healthcare. Specifically, offering me invaluable training in the application of pharmacoeconomics and introducing me to the concepts behind decision-making. I particularly enjoyed the flexibility of studying a research degree, the community environment within CHEME and working around top influencers within the field”*

□ Jessica Harland BSc MScRes

# Further information

- Course details and application:
  - <https://www.bangor.ac.uk/courses/postgraduate-research/health-economics-mres>
- Centre for Health Economics and Medicines Evaluation:
  - <http://cheme.bangor.ac.uk/>
- Information for international students:
  - <https://www.bangor.ac.uk/courses/postgrad/international.php.en>
- E-mail contact:
  - [cheme@bangor.ac.uk](mailto:cheme@bangor.ac.uk)



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