



eX

# AusHSI Developing Applied Skills in Cost-effectiveness Analysis

This three-day course will develop applied skills in cost-effectiveness analysis for decision making in health care settings.

Demand for healthcare is increasing in Australia and globally, driven by ageing populations and increased prevalence of chronic disease. For health systems to remain sustainable into the future, it is critical that resources are allocated efficiently and equitably, to maximise the positive health outcomes at the population level.

Cost-effectiveness analysis is a widely used method for informing resource allocation decisions in health care. It involves the assessment of health benefits relative to the costs required to achieve these benefits. This allows for an objective, explicit and transparent means of comparing value for money across two or more alternative courses of action.



Duration: up to 3 Days



Certificate of Participation



Cost: From \$550

## Apply Now

Web: [QUT.edu.au/QUTeX](http://QUT.edu.au/QUTeX)

Phone: 07 3138 7733

Email: [qutex@qut.edu.au](mailto:qutex@qut.edu.au)

Blog: [blogs.qut.edu.au/qutex](http://blogs.qut.edu.au/qutex)

### Evolve with QUTeX

This three-day short course will provide participants with an understanding of the cost-effectiveness analysis framework, including how health care costs and outcomes can be measured and valued. The focus will be on modelled analyses, with different types of health economic models being presented. The course will provide participants with practical skills in building and analysing cost-effectiveness models that can subsequently be applied in their own settings.

The course is highly practical and will involve participants working through a series of exercises in Microsoft Excel. Basic Excel skills are considered a prerequisite for this course. Experienced tutors will be available to provide assistance with the practical exercises as required.

This short course is proudly delivered by [The Australian Centre for Health Services Innovation \(AusHSI\)](http://The Australian Centre for Health Services Innovation (AusHSI)).

Bringing health innovation to life

### Who should participate?

Health Policy makers, clinicians, researchers, managers, and others making or informing decisions around health care resource allocation. Academics and students in the field of health economics will also benefit from this course.

**Please note:** Basic skills in Microsoft Excel are required for this course. Participants are required to bring their own fully-charged laptop.

### Core concepts

Day 1: A beginner's guide to cost-effectiveness analysis

- What is cost-effectiveness analysis and why do we do it;
- How to measure costs;
- How to measure health benefits;
- Interpreting the results and a review of a published paper.

Day 2: Building cost-effectiveness models

- Decision trees;
- State-based models;
- Choosing the data to include in models.

Day 3: Evaluating cost-effectiveness models

- Making decisions and uncertainty;
- Including uncertainty and exploring its impact on decision-making;
- Presenting the results.

### Your expert facilitator

**Dr Hannah Carter** is a health economist whose work is focussed on embedding economic evaluation within health services research. She has been involved in clinical trials and health services research across a range of clinical areas including cancer, cardiovascular disease, end of life and paediatric conditions. Her current work involves a focus on evaluating integrated and virtual models of care.

### Cost

#### Day 1 ONLY

Standard registration (closes 3 days prior to course)	\$550 (GST included)
QUT Alumni / Staff registration	\$412.50 (GST included)

#### Days 1, 2 and 3

Standard registration (closes 3 days prior to course)	\$1,650 (GST included)
QUT Alumni / Staff registration	\$1,237.50 (GST included)

Fees include course materials, morning tea, lunch and afternoon tea.

Get future fit. Fast.