



Melbourne School of Population and Global Health
Centre for Health Policy



Health Economics Short Courses 2016

MCATS

W: healthpolicy.unimelb.edu.au | **E:** health-economics@unimelb.edu.au

INTRODUCTION TO COST-EFFECTIVENESS ANALYSIS IN HEALTH

18 April, 1 August, 14 November

A one-day course that provides an introduction to applying cost-effectiveness analysis in health.

Who is this course designed for?

Policy makers, clinicians, researchers, managers and others making or informing decisions.

Content Overview

This course will provide participants with an understanding of how economic analysis can be used to evaluate health programs and aid decision making. This course consists of short lectures, case studies and practical class exercises and will include the following modules:

- Introduction to Health Economics
- Cost measurement
- Outcome measurement
- Interpretation of economic evaluation results for policy

Course costs

\$395 – University/Public Sector – Early Bird

\$550 – Private Sector – Early Bird

DESIGNING ECONOMIC EVALUATION ALONGSIDE CLINICAL STUDIES

2 August

A one-day course providing an overview of economic evaluation alongside randomized controlled trials and other studies, with particular focus on the design and practical aspects.

Who is this course designed for?

Researchers undertaking trials, investigators, managers and other involved in clinical studies.

Content Overview

This course will provide an overview of cost-effectiveness analysis that have been conducted of clinical studies and trials. Practical information on methods for prospectively collecting costs and outcomes data through administrative data linkage and patient surveys will be provided. It will also explain the techniques used to analyse economic data and illustrate this through examples. Issues covered in this course will include:

- Collecting relevant cost data
- Analysing health economic data
- Economic evaluation reporting standards
- Methods to assess quality of life
- Extrapolation, modelling and capturing uncertainty

Course costs

\$395 – University/Public Sector – Early Bird

\$550 – Private Sector – Early Bird

Workshop Sizes

Each workshop is strictly limited to 35 places.

Location

All courses are held at Graduate House, University of Melbourne (220 Leicester Street, Carlton Victoria 3053).

For larger organisations or group bookings, the Health Economics Group can provide in-house courses. Introduction to Cost-Effectiveness Analysis in Health and Practical Methods for Health Economic Evaluation are occasionally offered at the Menzies Institute, University of Tasmania in Hobart.

Cancellation Policy

An 80% refund is available if notification is made in writing two weeks before the course date and no refund will be available after this. Substitutions are permitted with prior notice.

Application Procedure

Applications for the course can be filled out online via www.healthpolicy.unimelb.edu.au

Registration closes the day prior to the course date.

Note that early booking is advised as past courses have booked out prior to the early bird registration deadline (one month before course date).

PRACTICAL METHODS FOR HEALTH ECONOMIC EVALUATION

19 - 21 April

A three-day intensive computer based course in methods for health economic evaluation.

Who is this course designed for?

Those engaged in undertaking cost-effectiveness analysis and resource allocation decision making. Researchers, consultants from public, commercial and academic organisations.

Content Overview

This course involves a series of modules to provide an overview of what is required for conducting a health economic evaluation. These include:

- Study design principles
- Techniques for analyzing costs
- Techniques for analyzing outcomes
- Introduction to decision models
- Markov modelling and applications

Each module is re-enforced by exercises in Excel, TreeAge Pro and STATA. Participants should be familiar with basic statistics and Microsoft Excel. The course will be hands-on and participants will be expected to bring a laptop.

Course costs

\$1750 – University/Public Sector – Early Bird

\$2750 – Private Sector – Early Bird

INCORPORATING HEALTH ECONOMICS INTO GRANT PROPOSALS

15 November

A half-day workshop on the value of incorporating health economics into grant proposals.

Who is this course designed for?

Those preparing grant proposals for the NHMRC, ARC and other funding bodies.

Content Overview

- Recap on types of economic evaluation, when they are appropriate and most useful
- Health economics data requirements and data linkage procedures
- Roles and functions of the health economist in the development of grant proposal
- Typical health economics components in grant proposals including examples
- Guidance on resource requirements for economic evaluations and options for grant budgets

Participants will be given an opportunity to submit a 1-page overview of their project proposal in order to receive feedback and recommendations for the most appropriate health economist.

Course costs

Free – Previous Course Attendees

\$110 – University/Public Sector/Private

ABOUT US

The Health Economics Group, at the Centre for Health Policy, The University of Melbourne has a strong history of providing post-graduate teaching and ongoing professional courses. Since 2013 we have provided 18 professional courses to over 500 participants. Courses were held domestically at the University of Melbourne, University of Tasmania as well as to external clients in Australia. Further, the Health Economics Group has provided our courses internationally in China.

CONTACT US

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ECONOMIC EVALUATION: WHICH COURSE IS FOR ME?

INTENSITY OF COURSE	WHAT BEST DESCRIBES YOU?	RECOMMENDED COURSE	TARGET AUDIENCE	RECOMMENDED PREREQUISITES	WHAT YOU CAN EXPECT TO GAIN?
INTRODUCTORY	<p>I have little to no previous experience in economic evaluation or health economics</p> <p>I have some previous knowledge and am writing a grant application, but I don't want to know too much detail</p>	<p>1-day Introduction to Cost-Effectiveness Analysis in Health</p> <p>Half-day Incorporating Health Economics into Grant Proposals</p>	<p>Anyone interested in learning more about economic evaluation</p> <p>Academics</p>	<p>None</p> <p>None</p>	<ul style="list-style-type: none"> • Introduction to key concepts • Examples of evaluations • Some hands on experience through exercises • Practical tips on what to think about in your research design • Assistance with what to write in grant application • Helpful pointers regarding how to manage collaboration and budget
INTERMEDIATE	<p>I have some previous knowledge and want more detailed information about how economic evaluation can contribute to my clinical study and what I need to collect</p>	<p>1-day Designing Economic Evaluation Alongside Clinical Studies</p>	<p>Those involved in clinical studies (including clinicians, project coordinators/managers, other health economists, researchers)</p>	<p>Introduction to Cost-Effectiveness Analysis in Health course or other introductory economic evaluation training.</p>	<ul style="list-style-type: none"> • Practical guidance to help with designing an economic evaluation and planning for data collection • Some illustration of what the final economic evaluation may look like • Greater understanding of how economic evaluation can contribute to clinical studies and practice workshop examples
ADVANCED	<p>I have some previous knowledge but want to know more about how to conduct an evaluation myself or be able to critically evaluate one</p> <p>I want a more formal qualification and some detailed understanding and practice</p>	<p>3-day Practical Methods for Health Economic Evaluation</p> <p>Masters of Public Health (Health Economics and/or Economic Evaluation streams)</p>	<p>Those who wish to be involved in conducting economic evaluation (students, researchers, health economists, industry)</p> <p>Those wanting a formal qualification and detailed understanding (students, researchers, clinicians and policy makers)</p>	<p>Introduction to Cost-Effectiveness Analysis in Health course or other introductory economic evaluation training</p> <p>None</p>	<ul style="list-style-type: none"> • Lots of hands on practice to work with • Preparing data • Analysing outcome and cost data • Building models in TreAge • More advanced discussion of key economic evaluation concepts and techniques • Introduction to key concepts • Opportunity for more in-depth understanding • Application of techniques in Stata and TreAge • Practical exercises including assessment

For further information about the courses and planned course dates, please visit our website <http://mspgh.unimelb.edu.au/study/short-courses> To register your interest and to be informed of our future course dates, e-mail us at health-economics@unimelb.edu.au