

Disciplinary Perspective

Introduction to Economic Evaluation for Health Technology Assessment (HTA)

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| Tutors: | <p><i>Dr David Meads</i> is Associate Professor in Health Economics at the Academic Unit of Health Economics (AUHE), University of Leeds, UK. He has led many economic evaluations across different disease areas. He is a member of UK research funding panels and a NICE Technology Appraisal Committee panel member.</p> <p><i>Dr Peter Hall</i> is an academic Medical Oncologist with a research interest in Health Economics and HTA in Cancer. He leads the Health Economics Group within the University of Edinburgh Clinical Trials Unit.</p> <p><i>Dr. Dan Howdon</i> is a Senior Research Fellow at AUHE. Dan's research interests are in late life health outcomes, and in the relationship between budgetary impact and appropriate decision methods in HTA.</p> <p><i>Dr Bethany Shinkins</i> is an Associate Professor and Lead of the Test Evaluation Group (TEG) at AUHE. She is a statistician and health economist, primarily focusing on evaluations of medical tests.</p> |
| Dates/Rooms: | Monday, June 24 till Friday, June 28 , 9am to 5pm in room tbd |
| Language | Course language will be English. |
| Contact: | D.Meads@leeds.ac.uk |
| Registration: | Deadline for registration: June 13, 2019 Maximum number of participants: 25 Please register by email to phd_healthsem@unilu.ch |
| Contents: | The course will introduce the concepts of health technology assessment (HTA) and economic evaluations in health covering the history of their development and rationale for their use. The use of HTA for policymaking and reimbursement will be covered and we will discuss alternative frameworks for economic evaluation. A focus will be placed on cost-utility analyses and cover both trial-based and model-based analyses, including decision tree and Markov models. The outputs of economic evaluations will be discussed and we will cover the importance of uncertainty and how to assess this in sensitivity analyses. There will be hands-on exercises through-out the course to enable students to try out modeling in Excel and to generate results. |
| Assessment | There will be a series of exercises to be completed through-out the week during practical sessions and outside of class time. The assessment will consist of a short test incorporating questions and calculations relating to economic evaluation and decision modeling. |
| Readings | For readings please see the detailed course description. |
| Credits | 3 ECTS |
| Registration Fee & Notes: | This course is for students, researchers and those working in industry or a policy context who have an interest in HTA. No previous experience or knowledge in this area is assumed but the course does require quantitative skills and some experience using Excel. For students of the University of Lucerne and other PhD students enrolled in the SSPH+ programs no registration fee is charged. |