

Statistics for Health Economics II

Module Overview

This module builds on the module Statistics for Health Economics I, and covers more advanced statistical approaches for health economists in Semester 2. You will develop critical understanding of published research in health care related areas and be able to discuss and interpret quantitative results from such.

Statistical subjects covered will include: regression methods for continuous and categorical dependent variables, regression diagnostics for ordinary least squares and logistic regression models, interaction terms in regression, approaches to statistical model building, Bayesian interpretation of probability and Bayesian updating.

The module is taught at the University of Birmingham in one three-day block. This is delivered during Semester 2. Each day lasts from 9.30am to 5.00pm.

Credits

10 credits

Module Attendance Required

One block of 3 teaching days

Module Dates

2014/15 dates

2 – 4 February 2015

Assessment

- Assignment– Two-part assignment equivalent in total to a 3000-word essay.
- Students must achieve at least 50% as an average across both parts of the assessment to pass the module.

Academics involved in the delivery of this module

Mrs Cristina Penalosa (<http://www.birmingham.ac.uk/staff/profiles/haps/HealthEconomics/penalozamaria.aspx>), Research Fellow and **Dr Lazaros Andronis** (<http://www.birmingham.ac.uk/staff/profiles/haps/HealthEconomics/andronis-lazaros.aspx>), Research Fellow, Health Economics Unit.

Study here and find out why the University of Birmingham was awarded The Times and The Sunday Times University of the Year 2013-14 (<http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx>)

Course fact file

Type of Course: Module