**Applied Methods of Cost-Effectiveness Analysis**

**Course Content**

**Health outcomes**

Estimating life expectancy  
Life tables  
Survival analysis  
Quality of life measurement and valuation  
  
**Resource use and costs**

Describing cost data  
Testing for cost differences  
Missing and censored cost data  
Event Based Cost Analysis   
  
**Decision analysis and modelling**

Role of modelling   
Decision trees  
Introducing Markov models   
  
**Reporting and presenting cost-effectiveness results**

Bootstrapping  
Displaying results on the CE plane  
Confidence intervals for CE ratios  
Cost-effectiveness acceptability curves  
The net benefit approach