

SHORT COURSE
**EVALUATING THE HEALTH IMPACTS
 OF POLICIES AND INTERVENTIONS**



Week 1

Concepts covered:

- Introduction to evaluation
- Complex interventions
- Programme theories and logic models
- Evaluability assessment

<i>Format</i>	<i>Title</i>	<i>Lecturer</i>
Video (5m)	Welcome to the course	Alastair Leyland
Video (15m)	Why should we evaluate? <ul style="list-style-type: none"> ● Different types of evaluation ● Design considerations 	Peter Craig
Video (15m)	Examples of programme evaluation <ul style="list-style-type: none"> ● Examples of policies or programmes that were well evaluated, poorly evaluated, and not evaluated 	Peter Craig
Video (15m)	What makes an intervention complex?	Laurence Moore
Video (15m)	Programme theories and logic models	Laurence Moore
Video (15m)	Health system operational in Brazil	Vinicius de Araújo Oliveira
Video (20m)	The 100 Million Brazilians Cohort	Maria Yuri Ichihara
Video (15m)	Evaluability assessment <ul style="list-style-type: none"> ● Prioritisation of research questions 	Peter Craig/Nai Rui Chng
Practical (30m)	Development of logic models <ul style="list-style-type: none"> ● Minha Casa Minha Vida (Brazil) 	Vittal Katikireddi + Mauro Sanchez
Practical (30m)	Discussion of an evaluability assessment <ul style="list-style-type: none"> ● Worked example, e.g. Family Nurse Partnership (Scotland) 	Nai Rui Chng/Peter Craig
Discussion (30m) 3hr 15m	Review of week's learning	All lecturers from the week

Week 2

Concepts covered:

- Developing and evaluating complex interventions
- Process evaluation

<i>Format</i>	<i>Title</i>	<i>Lecturer</i>
Video (15m)	Pilot and feasibility studies	Kathryn Skivington
Video (15m)	Evaluating effectiveness and understanding implementation	Kathryn Skivington
Video (15m)	Process evaluation: context, mechanisms and delivery	Kathryn Skivington
Video (15m)	Developing interventions	Laurence Moore
Video (15m)	Discovering interventions	Peter Craig
Practical (30m)	Case study: ASSIST <ul style="list-style-type: none">• Introduction and programme theory• Outcome evaluation design and process evaluation design	Laurence Moore
Discussion (30m) 2hr 15m	Review of week's learning	All lecturers from the week

Week 3

Concepts covered:

- Causal inference in experimental and observational studies
- Difference-in-difference, regression discontinuity and interrupted time series

<i>Format</i>	<i>Title</i>	<i>Lecturer</i>
Video (15m)	Potential outcome framework, counterfactuals, and selection bias	Vittal Katikireddi
Video (15m)	Explaining average causal effects and the effect of treatment on the treated	Vittal Katikireddi
Video (15m)	Randomised trials and instrumental variables	Vittal Katikireddi
Video (15m)	Regression discontinuity designs <ul style="list-style-type: none">• When to use RDD and assumptions• Sharp and fuzzy designs	Michelle Hilton-Boon
Video (15m)	Difference-in-difference designs <ul style="list-style-type: none">• When to use DiD and assumptions• Alternative fixed effects approaches	Michelle Hilton-Boon

Video (15m)	Case study RDD: Selective schooling (Scotland)	Michelle Hilton-Boon
Video (15m)	Case study DiD: Effects of lone parent obligations (Scotland)	Vittal Katikireddi
Practical (30m)	ITS: Teenage pregnancy strategy (England)	Andy Baxter
Discussion (30m) 2hr 45m	Review of week's learning	All lecturers from the week

Week 4

Concepts covered:

- Propensity scores and synthetic controls
- Robustness checks

<i>Format</i>	<i>Title</i>	<i>Lecturer</i>
Video (15m)	Propensity scores	Julia Pescarini
Video (15m)	Synthetic controls	Andy Baxter
Video (15m)	Robustness in causal analysis <ul style="list-style-type: none"> ● Sensitivity analyses ● Triangulation ● Testing assumptions ● Negative controls 	Vittal Katikireddi
Video (15m)	Case study PS: Impact evaluation of Bolsa Familia	Julia Pescarini
Video (15m)	Case study **: Evaluation of impact of Minha Casa Minha Vida on leprosy	Camila Teixeira
Practical (30m)	Propensity scores to evaluate Minha Casa Minha Vida (Brazil)	Renzo Flores Ortiz
Discussion (30m)	Review of week's learning	All lecturers from the week
Discussion (30m) 2hr 45m	Review of course	All lecturers