

Advanced Epidemiological Methods Course – Oct 27-30, 2026
Fletcher Wellness Hotel – Leiden, The Netherlands

Tuesday 27 October 2026

12.30-13.00	Coffee, lunch and welcome
13.00-13.30	Introduction to the course (incl. short intro to DAGs)
13.30-14.45	Causality, an introduction
14.45-15.00	Break
15.00-16.30	Estimands & Target trial emulation – part 1
16.30-17.30	Estimands & Target trial emulation – part 2
18.00-19.00	Dinner
19.00-20.30	Predictimands

Wednesday 28 October 2026

8.30-9.00	Coffee and welcome
9.00-10.00	Propensity scores: theory
10.00-10.15	Break
10.15-11.30	Propensity scores: exercises
11.30-12.30	Inverse probability weighting
12.30-13.30	Lunch
13.30-15.00	Cloning, censoring, weighting
15.00-15.15	Break
15.15-16.15	Mediation analysis; theory
16.15-17.00	Mediation analysis; exercises
17.00-18.00	Negative controls
18.00-19.00	Dinner
19.00-20.30	Time-dependent variables

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Thursday 29 October 2026

08.30-9.00	Coffee and welcome
9.00-9.45	Immortal time bias; theory
9.45-11.15	Immortal time bias; exercises
11.15-11.30	Break
11.30-12.30	Measurement error: theory
12.30-13.30	Lunch
13.30-14.30	Measurement error: exercises
14.30-15.30	Missing data: theory
15.30-15.45	Break
15.45-17.30	Missing data: computer practical
18.00-19.00	Dinner
19.00-20.30	Quantitative bias analysis

Friday 30 October 2026

8.30-9.00	Coffee and welcome
9.00-10.30	Infectious disease epidemiology – part 1
10.30-10.45	Break
10.45-12.30	Infectious disease epidemiology – part 2
12.30-13.30	Lunch
13.30-15.30	Instrumental variable & Mendelian randomisation
15.30	Closing remarks & farewell