

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)	Le Cessie
13.30-14.45	Causality, counterfactuals & interventions	Dekkers
14.45-15.00	Break	
15.00-16.30	Estimands & Target trial emulation – part 1	Le Cessie
16.30-17.30	Estimands & Target trial emulation – part 2	Le Cessie

Wednesday 28 October 2026

8.30-9.00	Coffee and welcome	
9.00-10.00	Estimands & estimation	Groenwold
10.00-11.00	Propensity scores – part 1	Le Cessie
11.00-11.15	Break	
11.15-12.15	Propensity scores – part 2	Le Cessie
12.15-13.00	Lunch	
13.00-14.30	Cloning, censoring, weighting	Dekkers
14.30-15.45	IV analysis and Mendelian randomization – part 1	Noordam
15.45-16.00	Break	
16.00-17.15	IV analysis and Mendelian randomization – part 2	Noordam

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Thursday 29 October 2026

08.30-9.00	Coffee and welcome	
9.00-10.00	Mediation analysis	van Hylckama Vlieg
10.00-11.00	Measurement error	Gademan
11.00-11.15	Break	
11.15-12.30	Immortal time bias; theory	Cannegieter
12.30-13.15	Lunch	
13.15-14.45	Immortal time bias; exercises	Cannegieter
14.45-16.00	Missing data	Le Cessie
16.00-16.15	Break	
16.15-17.30	Self-controlled designs	Le Cessie

Friday 30 October 2026

8.30-9.00	Coffee and welcome	
9.00-10.30	Infectious disease epidemiology – part 1	Van den Hof
10.30-10.45	Break	
10.45-12.30	Infectious disease epidemiology – part 2	Van den Hof
12.30	Closing remarks & farewell	