

Introduksjon til randomiserte kontrollerte studier (RCT)

Datoer: 26.-28. Januar 2026

Sted: UiT, Tromsø

Introduksjonskurs til randomiserte kontrollerte studier (randomised controlled trials RCT) gjennomføres i samarbeid med UiT (der det formelt kjøres som et ph.d.-kurs HEL-8018). Kurset holdes fysisk i Tromsø, med mulighet også for digital deltakelse via Teams.

Undervisningsspråk er engelsk.

Påmeldingslenke:

For eksamen og studiepoeng, må oppmelding og registrering gjøres ved UiT.

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Schedule

Time	Duration	Lecture
Day 1	Min.	January 26, 2026
09.00-09.15	15	Introduction and information
09.15-10.00	45	Introduction to evidence – ways to deal with confounding
10.00-10.15	15	Coffee break
10.15-11.00	45	Defining the research question. Choice of study population, intervention and group comparison. Avoidance of bias, outcomes, part I
11.00-11.15	15	Coffee
11.15-12.00	45	Defining the research question. Choice of study population, intervention and group comparison. Avoidance of bias, outcomes, part II
12.00-13.15	75	Lunchbreak
13.15-14.00	45	Randomization and concealed allocation. How to randomize in real life?
14.00-14.15	15	Coffee break
14.15-15.00	45	Alternative trial design (explanatory/pragmatic, multi arm, cluster, cross-over, factorial, non-inferiority studies) I
15.00-15.15	15	Coffee break
15.15-16.00	45	Alternative trial design (explanatory/pragmatic, multi arm, cluster, cross-over, factorial, non-inferiority studies) II
Day 2		January 27, 2026

08.15-09.00	45	Sample size and power calculation, interim analysis and adaptive study design
09.00-09.15	15	Coffee break
09.15-10.00	45	Practical approach to sample size calculation. Examples.
10.00-10.15	15	Coffee break
10.15-11.00	45	Incomplete data
11.00-12.15	75	Lunchbreak
12.15-13.00	45	Multiple testing and subgroup analysis
13.00-13.15	15	Coffee break
13.15-14.00	45	Consort and Equator network
14.00-14.15	15	Coffee break
14.15-15.00	45	Registration of clinical studies
15.00-15.15	15	Coffee break
15.15-16.00	45	How to write a protocol
Day 3		January 28, 2026
08.15-09.00	45	Ethical considerations in RCTs
09.00-09.15	15	Coffee break
09.15-10.00	45	Patient Reported Outcomes/ Health related quality of life in RCTs
10.00-10.15	15	Coffee break
10.15-11.00	45	Patient Reported Outcomes/ Health related quality of life in RCTs
11.00-12.15	75	Lunchbreak
12.15-13.00	45	Clinical trial regulation, monitoring and data quality.
13.00-13.15	15	Coffee break

13.15- 14.00	45	Complex interventions I
14.00- 14.15	15	Coffee break
14.15- 15.00	45	Complex interventions I I
15.00- 15.15	15	Coffee break
15.15- 15.45	30	From idea to results. Challenges in implementation of RCTs
15.45- 16.00	15	Exam and evaluation