

“Research methods ”

April 11-15 2024, Almaty, Kazakhstan

Date 11.04	Time	Topic	Activity	Lecturer/responsible	Location
Thursday	10:00-10:30	Introduction and welcome	Social	Erik	Al-Farabi Library 2 floor Room № 201
	10:30-11:00	Learning strategies	Lecture	Kristin	
	11:15-11:45	What is epidemiology?	Lecture	Lotta	
	12:00-12:45	Descriptive epidemiology: prevalence, incidence, mortality	Lecture	Erik	
	12.45-13.30	LUNCH			
	13:30-14:15	Case 1- part 1: Descriptive epidemiology – interpretation	Exercise	Erik	
	14:30-15:15	What is statistics?	Lecture	Tormod	
	15:30-16:15	Statistical testing	Exercise	Tormod	
	16:30-17:00	Introduction to study design	Lecture	Lotta	
Friday	10:00-11:00	Team based learning (TBL): Study design	Exercise	Lotta	Al-Farabi Library 3 floor Room № 308 (conference hall “Abay”)
	11:15-12:00	Team based learning (TBL): Study design	Exercise	Lotta	
	12:15-13:00	Research questions, aims and hypotheses (links to study design)	Lecture/Exercise	Kristin	
	13:00-14:00	LUNCH			
	14:00-14:45	Confidence interval	Lecture	Tormod	
	15:00-15:45	CI one group	Exercise	Tormod	
	16:00-16:45	Test two groups	Exercise	Tormod	
Saturday	10:00-10:45	Measures of association (OR/RR)	Lecture	Lotta	Al-Farabi Library 3 floor Room № 308 (conference hall “Abay”)
	11:00-11:45	Measures of association (OR/RR)	Lecture	Lotta	
	12:00-13:00	Case 2: Measures of association	Exercise	Kristin	
	13:00-14:00	LUNCH			
	14:00-15:00	Bias and confounding and causality	Lecture	Kristin	
	15:15-16:00	Regression analysis	Lecture	Tormod	
Sunday	10:00-10:45	Case 3 – Causality	Exercise	Lotta	
	11:00-12:00	Literature search	Lecture + exercise	Kristin	

	12:15-13:00	Exercise literature search	Exercise	Kristin	Al-Farabi Library 3 floor Room № 308 (conference hall "Abay")
	13:00-14:00	LUNCH			
	14:00-14:45	Critical appraisal (CA) introduction	Exercise	Erik	
	14:45-16:00	Exercise a) CA of article in groups	Exercise (also take home for the evening)	Erik	
Monday	10:00-11:00	Exercise b) CA of article in groups	Exercise (also take home for the evening)	Erik	Al-Farabi Library 3 floor Room № 308 (conference hall "Abay")
	11:15-12:15	Questionnaire design - introduction	Lecture	Kristin	
	12:15-13:00	Exercise – from a chosen topic and study design, create relevant questions	Exercise	Kristin	
	13:00-13:45	LUNCH			
	13:45-14:30	Scientific writing - introduction	Lecture	Erik	
	14:45-15:30	Exercise – improve text	Exercise	Erik/Lotta	
	15:45-16:30	Open forum discussions – Q and A	Discussion	All	