

## Basic Epidemiology and Statistics I, Spring semester 2024

Day	Time	Lecture	Room	Teacher
Monday 15 Jan	09-11	Course introduction Preparation: Epidemiology Lecture 1 (Intro)	David	Marika Shuyun
	11-12	Class exercise 1	David	Shuyun
Tuesday 16 Jan	09-11	Preparation: Epidemiology Lecture 2 (study design)	David	Mozhu
	11-12	Class exercise 2	David	Mozhu
Wednesday 17 Jan		Self-study		
Thursday 18 Jan	09-10:30	Preparation: Epidemiology Lecture 3 (odds and causation)	David	Shuyun
	10:30-12	Class exercise 3	David	Shuyun
Friday 19 Jan	09-11	Preparation: Epidemiology Lecture 4 (disease occurrence)	David	Mozhu
	11-12	Class exercise 4	David	Mozhu
Monday 22 Jan	09-12	Statistics - Lecture 1 Descriptive statistics	David	Shuyun
	13-16	CBE – Introduction to R	David	Marika
Tuesday 23 Jan	09-12	Statistics - Lecture 2 Statistical theory	David	David
	13-16	CBE 1	Grace Hopper + Ada Lovelace	Marika
Wednesday 24 Jan	09-12	Statistics - Lecture 3 Numerical data analysis	David	Marie
	13-16	CBE 2	Grace Hopper + Ada Lovelace	Marika
Thursday 25 Jan		Self-study		
Friday 26 Jan		Prepare for the seminars or individual assignment or group work		
Monday 29 Jan	09-12	Statistics - Lecture 4 Categorical data analysis	David	Marie
	13-16	CBE 3	Grace Hopper + Ada Lovelace	Marika
Tuesday 30 Jan	09-12	Statistics - Lecture 5 Regression analysis	David	Marie
	13-16	CBE 4	Grace Hopper + Ada Lovelace	Marika
Wednesday 31 Jan	09-12	Statistics - Lecture 6 Non-parametric statistics	David	Julia
	13-16	CBE 5	David	Marika
Thursday 1 Feb		Self-study		
Friday 2 Feb	09-16	Group work Prepare for the seminars	David	Marika
Monday 5 Feb	09-16	Seminar**	David	Marika
Tuesday 6 Feb	09-16	Seminar**	David	Marika

\* CBE = Computer Based Exercise

\*\* Article presentation during the seminars

### Rooms:

David, Widerströmska huset, Tomtebodavägen 18a, 171 65 Solna  
Grace Hopper + Ada Lovelace, Berzelius väg 3, 171 65 Solna

### Course responsible and primary contact:

Marika Ström [marika.strom@ki.se](mailto:marika.strom@ki.se)

### Examinator:

Henrike Häbel (parental leave)

### Administrator:

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### Teachers:

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