Doctoral Programme in Epidemiology - courses fall semester 2021

Courses are given on four levels (1-4), from introductory to more advanced.

Fundamentals of Stata Language (level 1)

Dates: 2021-09-13 – 2021-09-17, 1.5 HEC, course code 5315
This course aims at introducing students to the fundamental elements of the statistical software Stata. Motivating examples arising from health-related research will be used to demonstrate how to use the programming language. Learning activities will give students the possibility to learn Stata the hard yet easier way – that is – problem, code, and run.
Course leader: Nicola Orsini

Biostatistics II: Logistic regression for epidemiologists (level 2)

Dates: 2021-09-20 – 2021-09-24, 1.5 HEC, course code 5314
The course introduces statistical methods for the analysis of categorical outcome data.
Course leader: Nicola Orsini

Epidemiology I: Introduction to epidemiology (level 1)

Dates: 2021-09-20 – 2021-09-29, 1.5 HEC, course code 3078
The aim of the course is to give an introduction to epidemiological theory and practice.
Course leader: Renee Gardner

Biostatistics I: Introduction for epidemiologists (level 1)

Dates: 2021-10-04 – 2021-10-27, 3.0 HEC, course code 3154
The aim is to introduce classical statistical concepts and methods with emphasis on methods used in epidemiology and public health.
Course leader: Erin Gabriel

Fundamentals of Python language for researchers in medical science (level 3)

Dates: 2021-10-18 – 2021-10-22, 1.5 HEC, course code 5316
This course aims at introducing students to the fundamental elements of the Python programming language. Motivating examples arising from health-related research will be used to demonstrate how to use the programming language to answer a variety of relevant questions. Learning activities will give students the possibility to learn Python the hard yet easier way – that is – problem, code, and run.
Course leader: Nicola Orsini

Biostatistics III: Survival analysis for epidemiologists (level 3)

Dates: 2021-11-08 – 2021-11-17, 1.5 HEC, course code 2992
This course focuses on the application of survival analysis methods to epidemiological studies.
Course leader: Mark Clements

Advanced course in SAS programming for health care data (level 3)

Dates: 2021-11-29 – 2021-12-03, 1.5 HEC, course code 2868
The purpose of this course is to give students with prior experience in SAS the foundation needed to work independently with large data bases in SAS, performing the data management needed for observational studies from for instance a register linkage.
Course leader: Thomas Frisell

Epidemiology II. Design of epidemiological studies (level 2)

Dates: 2021-12-06 – 2021-12-15, 1.5 HEC, course code 3138
The course focuses on key considerations in designing and critically interpreting different types of case-control studies, as well as matching in cohort and case-control studies.
Course leader: Karin Leander