



Doctoral Programme in Epidemiology - courses fall semester 2018

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

Introduction to Stata for epidemiologists (level 1)

Dates: 2018-09-13 -- 2018-09-14, 1.5 HEC, course code 2796

This course aims at introducing students to the basics of the statistical software Stata. It focuses on the minimum set of commands students should know for data-management, data-reporting, graphics and basic use of do-files.

Course leader: Nicola Orsini

Biostatistics I: Introduction for epidemiologists (level 1)

Dates: 2018-09-17 -- 2018-10-08, 3.0 HEC, course code 1579

The aim is to introduce classical statistical concepts and methods with emphasis on methods used in epidemiology and public health.

Course leader: Yudi Pawitan

Biostatistics II: Logistic regression for epidemiologists (level 2)

Dates: 2018-09-17 -- 2018-09-28, 2.0 HEC, course code 2797

This course focuses on the application of linear and logistic regression in the analysis of epidemiological studies.

Course leader: Nicola Orsini

Applied longitudinal data analysis (level 4)

Dates: 2018-10-02 -- 2018-10-10, 1.5 HEC, course code 2798

The course gives an introduction to modern methods for the analysis of longitudinal and repeated measures studies which are commonly used in epidemiological studies and in clinical trials.

Course leader: Rino Bellocco

An introduction to genetic and molecular epidemiology (level 2)

Dates: 2018-10-15 -- 2018-10-19, 1.5 HEC, course code 3077

The course focuses on basic concepts, methods and study design in genetic and molecular epidemiology research.

Course leader: Sara Hägg

Epidemiology I: Introduction to epidemiology (level 1)

Dates: 2018-10-22 -- 2018-10-31, 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 III: Survival analysis for epidemiologists (level 3)

Dates: 2018-11-05 -- 2018-11-14, 1.5 HEC, course code 2992

This course focuses on the application of survival analysis methods to epidemiological studies.

Course leader: Mark Clements



Multivariate prediction modelling (level 4)

Dates: 2018-11-19 -- 2018-11-23, 1.5 HEC, course code 2990

This course aims to provide an introduction to both supervised and unsupervised methodologies for prediction modelling with a focus on biomedical applications, molecular epidemiology and personalised medicine.

Course leader: Mattias Rantalainen

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

Dates: 2018-11-26 -- 2018-11-30, 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: 2018-12-03 -- 2018-12-12, 1.5 HEC, course code 1622

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