



Doctoral Programme in Epidemiology - courses fall semester 2019

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

Introduction to Stata for epidemiologists (level 1)

Dates: 2019-09-11 -- 2019-09-13, 1.0 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 II: Logistic regression for epidemiologists (level 2)

Dates: 2019-09-16 -- 2019-09-27, 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

Epidemiology I: Introduction to epidemiology (level 1)

Dates: 2019-10-10 -- 2019-10-16, 1.5 HEC, course code 3041

The aim of the course is to give an introduction to epidemiological theory and practice.

Course leader: Fang Fang

Extensions to the design and analysis of case-control studies (level 4)

Dates: 2019-10-23 -- 2019-10-31, 1.5 HEC, course code 2991

This course aims to enable practicing epidemiologists to make more efficient use of already-available case-control data and to design case-control studies that will extend the possibilities for future analysis.

Course leader: Marie Reilly

Biostatistics I: Introduction for epidemiologists (level 1)

Dates: 2019-10-28 -- 2019-11-21, 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.

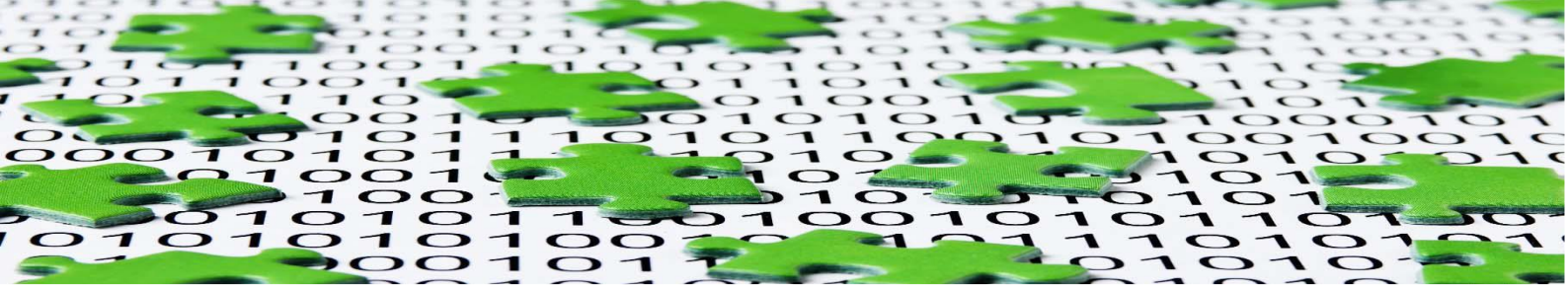
Course leader: Yudi Pawitan

Biostatistics III: Survival analysis for epidemiologists (level 3)

Dates: 2019-11-11 -- 2019-11-20, 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 with applications in precision medicine (level 4)

Dates: 2019-11-25 -- 2019-11-29, 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: 2019-12--02 – 2019-12-06, 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: 2019-12-09 – 2019-12-18, 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