

# Introduction to biostatistics and machine learning

Short course

National course open for PhD students, postdocs, researchers and other employees in need of biostatistical skills within all Swedish universities. The course is geared towards life scientists wanting to be able to understand and use basic statistical methods.

**September, 12th - 16th, 2022**

SciLifeLab, Uppsala University, BMC, Husargatan 3

Course website: <https://uppsala.instructure.com/courses/70535>

Application closes 14th of August: [apply here](#)



Course website



Application link

## Topics covered include:

Probability theory. Hypothesis testing and confidence intervals. Resampling. Linear regression methods. Introduction to generalized linear models. Model evaluation. Unsupervised learning incl. clustering and dimension reduction methods. Supervised learning incl. classification