

Bachelor's Programme in Statistics and Data Analysis

180 credits

Kandidatprogrammet i statistik och dataanalys

F7KSA

Valid from: 2020 Autumn semester

Determined by

Board of the Faculty of Arts and Sciences

Date determined

2006-08-30

Revision date

2014-02-14; 2016-03-18; 2018-06-20

Entry requirements

- General entry requirements for undergraduate studies.
- Mathematics and Social Studies corresponding to the level in Swedish upper secondary education (Matematik 3 and Samhällskunskap 1b/(1a1 and 1a2)
- English corresponding to the level of English in Swedish upper secondary education (English 6/B).

Degree in Swedish

Filosofie kandidatexamen med huvudområde statistik

Degree in English

Degree of Bachelor of Science (180 credits) with a major in Statistics

Curriculum

Semester 1 (Autumn 2021)

Course code	Course name	Credits	Level	Weeks	ECV
732G45	Introductory Statistics and Data Analysis	30	G1N	v202134-202203	C

Semester 2 (Spring 2022)

Course code	Course name	Credits	Level	Weeks	ECV
732G33	Programming in R	7.5	G1F	v202204-202213	C
764G01	Linear Algebra	7.5	G1X	v202204-202213	C
732G38	Survey Methods	7.5	G1X	v202214-202223	C
732G42	Introductory Time Series Analysis	7.5	G1N	v202214-202223	C

Semester 3 (Autumn 2022)

Course code	Course name	Credits	Level	Weeks	ECV
732G46	Regression Analysis and Analysis of Variance	15	G1F	v202234-202303	C
764G07	Mathematical Analysis	15	G1F	v202234-202303	C

Semester 4 (Spring 2023)

Course code	Course name	Credits	Level	Weeks	ECV
732G17	Introduction to SAS programming	7.5	G1F	v202304-202313	C
732G20	Theory of Statistics	7.5	G1F	v202304-202316	C
732G39	Statistics Project	7.5	G1F	v202304-202323	C
732G16	Databases: Design and Programming	7.5	G1F	v202314-202323	C

Semester 5 (Autumn 2023)

Course code	Course name	Credits	Level	Weeks	ECV
732G08	Multivariate Methods	7.5	G2F	v202334-202343	E
732G12	Data Mining	7.5	G2F	v202334-202343	E
732G34	Statistical Methods for Complex Data	7.5	G2F	v202344-202403	E
732G43	Bayesian Statistics	7.5	G2F	v202344-202403	E

Semester 6 (Spring 2024)

Course code	Course name	Credits	Level	Weeks	ECV
732G47	Bachelor's Thesis in Statistics	15	G2E	v202404-202423	C

ECV = Elective / Compulsory / Voluntary

*Kursen läses över flera terminer