

MSc IN STATISTICS*

INSIGHT INTO ADVANCED MATHEMATICAL MODELS

The MSc programme in Statistics is a flexible programme that builds general competencies in statistics while allowing students to specialise in the particular branch of statistics of their choice, such as one of the areas in which Aarhus University is particularly strong – theoretical and applied statistics, and probability theory.

STATISTICIANS ARE IN DEMAND

Teaching on the programme is greatly influenced by research, as the lecturers are active researchers. In addition to lectures, instruction includes theoretical and practical exercises.

There is an undersupply of statisticians. Statistics graduates from Aarhus University are very much in demand, and their employment prospects are extremely good, whether in Aarhus, other major Danish cities or overseas.

STUDENT LIFE

Students in the programme are based at the Department of Mathematics, which has its own canteen, computer rooms, library, and study areas shared by students. As a Master's student, you will receive your own desk in an office shared with other Master's students. The department also has a number of student organisations such as Euler's Friends and the Kalkulerbar or Friday bar, through which academic activities, study trips and social functions are organised.

CAREERS

Recent Statistics graduates have taken up careers in universities and research institutions, in the pharmaceutical industry, in the telecommunications and finance sectors, and in insurance companies. In university, statistics graduates frequently work with doctors, biologists or chemists in an interdisciplinary setting analysing large amounts of data, while others teach statistics. Within the pharmaceutical industry, statisticians plan clinical trials or design methods to test new drugs for unwanted side effects. In insurance, statistics graduates often work as actuaries, for instance contributing to working out tariffs.

Common to all these careers is that they require knowledge of a number of advanced mathematical models, and that is what the MSc in Statistics will equip you with.

Graduates can also apply to enter the PhD programme.



◀ I very soon decided that I would like to work in a company and use what I had learned at university. I considered both the pharmaceutical industry and insurance. It was a company visit to Novo Nordisk that helped me make up my mind about the pharmaceutical industry. I work in R&D as a statistician and am involved in clinical trials of new drugs.

TRINE SAUGSTRUP

MSc in Statistics
Statistician, Novo Nordisk



PLACE OF STUDY

Aarhus

WWW

masters.au.dk/statistics

ANNUAL TUITION FEE

EU/EEA/Swiss citizens: FREE
Others: EUR 13,500