

Branch:Mathematical Engineering



Code: MAFASC

Option: Mathematical finance and actuarial science

Level: Master

Prerequisites:

Opportunities:

As a graduate of the Master's program in Mathematical Finance and Actuarial Sciences, you are ideally prepared for employment in the financial markets and the insurance industry. Career opportunities are available in the fields of financial mathematics, such as risk management or portfolio theory, as well as in actuarial science. Other options include auditing, tax consulting or controlling.

Description:

The Master of Science in Mathematical Finance and Actuarial Sciences program is designed for students interested in a challenging education in financial and actuarial mathematics.

What is this degree program?

The Master's program "Mathematical Finance and Actuarial Science" is designed for students who are interested in a mathematically demanding training in finance and actuarial science.

In addition to the core subject of stochastic analysis, the focus is on the two concentrations of mathematical finance and actuarial science. Students choose one concentration, but always acquire knowledge in the other area as well. The content is supplemented by economics and interdisciplinary courses.

Quality and competences:

As a graduate, you will be able to translate problems in the finance and insurance sector into mathematical models, analyze, estimate and develop these models taking into account the economic context, and finally transfer the results obtained into practice.

You were able to complete your financial and actuarial profile by attending various econometrics courses. Your general skills have been refined by courses on topics such as rhetoric and presentation skills.