

# Education plan

for

**Master's Programme in Banking and Finance**  
**Masterprogram i bank och finans/finansiell ekonomi**

**120.0 Higher Education  
Credits**  
**120.0 ECTS credits**

**Programme code:** SBAFO  
**Valid from:** Spring 2022  
**Date of approval:** 2015-10-07  
**Changed:** 2022-01-14  
**Department:** Stockholm Business School

## Decision

This programme syllabus was approved by the Social Sciences Faculty Board on 2015-10-07, last revision approved 2022-01-14.

## Prerequisites and special admittance requirements

Bachelor's degree 180 credits, of which 60 credits in business administration and 30 credits in economics; or 60 credits in economics and 30 credits in business administration. It is also required that students have 7,5 credits in mathematics and 7,5 credits in statistics. English B/English 6 or the equivalent.

## Programme structure

Financial economists study how scarce resources are allocated over time. Financial decisions differ from other allocation decisions in that their costs and revenues are spread over time and not known in advance. To implement their decisions, individuals, companies or other agents use the financial system. The system includes markets for stocks, bonds and other financial instruments, as well as financial intermediaries (such as banks and insurance companies), financial service companies (such as financial advisers) and the bodies that oversee and regulate the financial markets and institutions.

The overall aim of the programme is to prepare students for professional careers as financial analysts, financial controllers, risk analysts or chief financial officers in larger companies, in Sweden and internationally, as well as to prepare students for doctoral studies in finance.

The language of instruction is English.

The program includes four semesters of full-time studies.

### Semester 1

During the first part of the semester, a level adjustment of students' prior knowledge takes place.

Students with a subject background in economics take the courses:

Financial Reporting 7,5 credits

- Corporate Finance 7,5 credits

Main field of study: Business Administration. The courses are provided by Stockholm Business School

Students with a subject background in business administration take the courses:

- Intermediate Microeconomics 7,5 credits
- Intermediate Macroeconomics 7,5 credits

Main field of study: Economics. The courses are provided by the Department of Economics.

The second part of the semester contains the courses:

- Financial Institutions Management 7,5 credits
- Econometrics for Finance 7,5 credits

Main field of study: Finance. The courses are provided by Stockholm Business School.

## Semester 2

The second semester contains the courses:

- Financial Derivatives and Risk Management 7,5 credits
- Fixed Incomes Securities, 7,5 credits
- Portfolio Theory 7,5 credits
- Time Series Econometrics for Finance 7,5 credits

Main field of study: Finance. The courses are provided by Stockholm Business School.

## Semester 3

The third semester contains the courses:

- Financial Market Structure 7,5 credits. Main field of study: Finance. The course is provided by Stockholm Business School.
- Elective course 7,5 credits. Elective courses offered at Stockholm Business School are determined and announced via email during semester 2.
- Advanced Financial Theory 7,5 credits. Main field of study: Finance. The course is provided by Stockholm Business School.
- Advanced Financial Empirical Research 7,5 credits. Main field of study: Finance. The course is provided by Stockholm Business School.

## Semester 4

The fourth and final semester contains the course:

- Master's Degree Thesis in Finance 30 credits.

Main field of study: Finance. The course is provided by Stockholm Business School.

## Goals

In addition to the general objectives in Chapter 1, Section 9 of the Higher Education Act, the learning

objectives from the Higher Education Ordinance listed below apply.

For a Degree of Master the student shall:

Knowledge and understanding

- Demonstrate knowledge and understanding in the main field of study, including both an overview of the field and specialised knowledge in certain areas of the field as well as [specialised] insight into current research and development work.
- Demonstrate specialised methodological knowledge in the main field of study.

Skills and abilities

- Demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information.
- Demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work.
- Demonstrate the ability in speech and writing both nationally and internationally to report clearly and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences.
- Demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

Judgement and approach

- Demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work.
- Demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.
- Demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

### **Courses**

Mandatory courses for students with a subject background in economics:

Financial Reporting 7,5 credits

- Corporate Finance 7,5 credits

Main field of study: Business Administration. The courses are provided by Stockholm Business School.

Mandatory courses for students with a subject background in business administration:

- Intermediate Microeconomics 7,5 credits
- Intermediate Macroeconomics 7,5 credits

Main field of study: Economics. The courses are provided by the Department of Economics.

Mandatory courses:

- Financial Institutions Management 7,5 credits

- Econometrics for Finance 7,5 credits
- Financial Derivatives and Risk Management 7,5 credits
- Fixed Incomes Securities,7,5 credits
- Portfolio Theory 7,5 credits
- Time Series Econometrics for Finance 7,5 credits
- Financial Market Structure 7,5 credits
- Advanced Financial Theory 7,5 credits
- Advanced Financial Empirical Research 7,5 credits
- Master's Degree Thesis in Finance 30 credits

Main field of study: Business Administration. The courses are provided by Stockholm Business School.

Elective courses:

Elective courses offered at Stockholm Business School are determined and announced via email during semester 2.

**Degree**

The programme leads to a Degree of Master of Science (120 credits). Main field of study: Finance.

**Misc**

Courses included in the programme may be studied together with students from other programmes.

When the programme syllabus is revoked, the student has the right to complete his/her education according to the present programme syllabus during a phase-out period that includes the nominal duration of the program plus two years, calculated from the time when the last admitted student began the education. In this case, the restrictions specified in the syllabi for the courses included in the education apply; alternatively, equivalent education is offered.