

# 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:** Autumn 2020  
**Date of approval:** 2015-10-07  
**Changed:** 2019-02-18  
**Department:** Stockholm Business School

## Decision

This programme syllabus was approved by the Social Sciences Faculty Board on 2015-10-07, last revision conducted 2019-06-26.

## 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

### *Semester 1*

The first part of the first semester students with prior knowledge mainly in economics take two courses in business administration and students with prior knowledge mainly in business administration take two courses in economics. The second part of the semester is common for all students and consists of one course in business administration and one in economics.

### *Semester 2*

The second semester consists of compulsory courses, three in business administration and one in economics.

### *Semester 3*

The third semester aims at deepening and specialising students' knowledge. The first part of the semester consists of courses in business administration; one is elective and the other three are compulsory.

### *Semester 4*

The programme is concluded with an independently completed master's dissertation (30 HE credits).

## Goals

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.

Upon completion of the programme students are expected to:

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 insight into current research and development work;
- demonstrate specialised methodological knowledge in the main field of study;

#### Competence and Skill

- 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 clearly report 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

In this section the courses included in the programme are specified. Each course has a separate course syllabus establishing the main content of the course, the expected learning outcomes, course structure, examination formats and grading criteria.

##### *Semester 1*

The first semester consists of four courses in the field of banking and finance. The courses included in the programme cover the following:

Courses for students with economics as their main field of study:

- Financial Reporting
- Corporate Finance

Courses in business administration cover financial analysis focusing on profitability and cash flow, as well as basic financial theory including portfolio theory, capital structure etc.

Courses for students with business administration as their main field of study:

- Intermediate Microeconomics, 7.5 HE credits  
This is a course in economics focusing on microeconomics.
- Intermediate Macroeconomics, 7,5 HE credits  
This is a course in economics focusing on macroeconomics.

Courses common for all students:

- Financial Institutions Management, 7.5 HE credits

This course in business administration covers the role of financial institutions on the financial markets as well as issues connected to risk and control in the context of financial institutions.

- Econometrics, 7.5 HE credits

This course in economics covers basic econometrics.

The availability of courses in banking and finance may vary. Information about available courses will be

provided separately each year.

#### *Semester 2*

The second semester consists of four courses in the field of banking and finance. The courses included in the programme cover the following:

-Financial Derivatives and Risk Management, 7.5 HE credits

This course in business administration covers valuation and risk management in the context of financial derivatives.

-Fixed Incomes Securities, 7.5 HE credits

This course in business administration covers valuation of interest-bearing assets such as bonds.

-Portfolio Theory, 7.5 HE credits

This course in economics covers portfolio theory.

-Econometrics 3b: Time series data, 7.5 HE credits

This course in economics covers applied time-series analysis.

The availability of courses in banking and finance may vary. Information about available courses will be provided separately each year.

#### *Semester 3*

The third semester consists of four courses in the field of banking and finance. The courses included in the programme cover the following:

-Financial Market Structure, 7.5 HE credits

This is a course in business administration. It introduces basic theoretical and empirical concepts in market structure, and provides the students with insights in current issues in market structure research and practice.

-Elective course, 7.5 HE credits

Depending on the students main field of study particular courses may be compulsory or recommended.

-Advanced Financial Theory, 7.5 HE credits

This course integrates and deepens students' knowledge of empirical financial economics including current research problems. It prepares students for doctoral studies in the field of finance, either in business administration or economics.

-Advanced Financial Empirical Research, 7.5 HE credits

This course integrates and deepens students' knowledge of financial theory and prepares students for doctoral studies in the field of finance, either in business administration or economics.

The availability of courses in banking and finance may vary. Information about available courses will be provided separately each year.

#### *Semester 4 Master's dissertation/degree project*

This semester students take either the course Master's Dissertation in Financial Economics (30 HE credits) at the Stockholm Business School.

In the master's dissertation students demonstrate their ability to independently integrate advanced knowledge in the field of the programme and to apply this knowledge to problems of practical relevance.

#### **Degree**

The programme leads to a Master of Science (120 HE credits), main field of study Finance.

#### **Misc**

Information about elective courses available will be presented each year.

The language of instruction is English.

To enter year 2 of the programme, students should have completed a minimum of 52.5 HE credits from year 1.

To be enrolled for the degree thesis the student must have completed 75 HE credit points from the programme.