



JÖNKÖPING UNIVERSITY  
*Jönköping International Business School*

PROGRAMME SYLLABUS  
**International Financial Analysis, 60 credits**

Programmestart: Autumn 2021



## PROGRAMME SYLLABUS

### **International Financial Analysis, 60 credits**

*International Financial Analysis, 60 högskolepoäng*

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Programme code: JAIF9

Programmestart: Autumn 2021

Confirmed by: Dean 2020-05-07

Education Cycle: Second-cycle level

Version: 3

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#### **Title of qualification**

Degree of Master of Science (60 credits) with a major in Business Administration

#### **Programme overview**

The International Financial Analysis programme aims to provide students with advanced analytical skills, both theoretical and empirical, in order to support the financial decisions of firms and financial institutions in general. This includes using tools for detecting patterns in financial data and the knowledge to interpret those patterns. The curriculum is especially designed to match the requirements faced by companies operating on international markets, taking into account the need for continuous renewal and development of the business environment.

#### **Objectives**

##### **General aims**

Second cycle education shall essentially build on the knowledge students acquire in first cycle education or corresponding knowledge. Second cycle education shall involve a deepening of knowledge, skills and abilities relative to first cycle education and, in addition to what applies to first cycle education, shall:

- further develop the students' ability to independently integrate and use knowledge,
- develop the students' ability to deal with complex phenomena, issues and situations, and
- develop the students' potential for professional activities that demand considerable independence or for research and development work

#### **Programme specific learning goals**

##### *Knowledge and Understanding*

Graduates of the programme will have a general knowledge and understanding of business administration principles and a specialised knowledge in certain areas of the field.

##### Corresponding Objectives:

Graduates of the programme will be able to

- demonstrate knowledge and understanding in business administration, including both broad knowledge in the field of business administration and specialised knowledge of certain areas in finance;
- demonstrate insight into current research and development work in finance; and

- demonstrate specialised methodological knowledge in finance.

### *Skills and Abilities*

Graduates of the programme will have acquired the skills to integrate knowledge and to analyse complex financial issues, and be effective communicators of activities associated with those skills.

#### Corresponding Objectives:

Graduates of the programme will be able to

- demonstrate an ability to integrate knowledge and analyse, assess and deal with complex financial phenomena, issues and situations, even with limited information;
- demonstrate the ability to identify and formulate issues independently as well as to plan and, using appropriate research methods, undertake advanced tasks within predetermined time frames;
- demonstrate an ability in speech and writing to report clearly on finance issues and discuss their conclusions and the knowledge and arguments on which they are based, in dialogue with different audiences; and
- demonstrate the skills required for participation in research and development work or to work in other advanced contexts, including in areas dealing with financial markets in an international context.

### *Judgement and Approach*

Graduates of the programme will understand the scientific, social, ethical, and personal responsibility aspects of practical work and research in business administration, including the role, use, and development of knowledge and the ethical aspects and possibilities of scientific endeavor.

#### Corresponding Objectives:

Graduates of the programme will be able to

- demonstrate an ability to make assessments in business administration, taking into account relevant scientific, societal and ethical issues and also demonstrate awareness of ethical aspects in research and development work;
- demonstrate insight into the possibilities and limitations of science/research, its role in society and people's responsibility for how it is used; and
- demonstrate an ability to identify their personal need for further knowledge and to take responsibility for developing their knowledge.

### *Mission driven goal*

Graduates of the programme will be equipped to contribute to the advancement of business practice in a global environment, with particular emphasis on aspects of Ownership, Entrepreneurship and Renewal.

#### Corresponding Objectives:

Graduates of the programme will be able to:

- solve problems and exercise analytical skills to support financial decision making in a global environments;
- demonstrate knowledge of the financial structures apt to support innovation and business renewal activities; and

- demonstrate a deep understanding of the links between the firm's ownership structures and its financial features and areas of activity.

The above is in accordance with the intended learning outcomes set for a one-year Master's degree in the Swedish Higher Education Ordinance and JIBS mission.

## Contents

The master programme in International Financial Analysis (One Year) provides a deepening education in the field of business administration for those already holding a bachelor degree and having a substantial amount of business administration education in their undergraduate studies.

The programme content is related to JIBS' focus areas of ownership and renewal. The programme provides students with advanced analytical skills, both theoretical and empirical, in order to support the financial operations of firms and financial institutions in general. This includes using tools for detecting patterns in financial data and the knowledge to interpret those patterns. The curriculum is especially designed to match the requirements faced by companies operating in dynamic international markets, taking into account the need for continuous renewal and the constant development of the business environment.

The programme consists of seven mandatory courses held over two semesters, as described below. Starting with foundational courses in microeconomics for financial analysis and portfolio management, the programme continues with courses on security markets and advanced topics in finance. The latter course includes numerical methods, advanced valuation techniques, financial markets regulation and presents theories of markets and information. The second term starts with a course on analytical methods in finance and continues with a course on derivate securities and risk management. The programme concludes with a 15 credit thesis course over the entire second semester. The thesis in business administration is written on a topic of relevance to the programme specialisation in international financial analysis.

All courses are taught in English. Jönköping International Business School (JIBS) is a highly international school offering its students an international learning experience. The programme, and other JIBS programmes, are open to students from around the world and have a diverse international participation of students. The international atmosphere is reinforced with international subject matter in this programme, in particular international financial markets.

The education is meant to prepare students for positions demanding analytical skills needed for financial decision making, within the private or the governmental sector, and for doctoral studies.

## Courses

### Mandatory courses

| Course Name  | Credits | Main field of study                | Specialised in | Course Code |
|--|---------|------------------------------------|----------------|-------------|
| Advanced Microeconomics                                | 7.5     | Economics                          | A1N            | JMCR21      |
| Advanced Security Markets and Financial Contracts      | 7.5     | Business Administration, Economics | A1N            | JASR24      |
| Advanced Topics in Finance                             | 7.5     | Business Administration, Economics | A1N            | JATR29      |
| Analytical Methods for Economic and Financial Analysis | 7.5     | Statistics                         | A1F            | FSSS23      |

|  |     |                                    |     |        |
|--|-----|------------------------------------|-----|--------|
| Derivatives Securities                                     | 7.5 | Business Administration, Economics | A1N | FSOR23 |
| International Portfolio Management and Investment Analysis | 7.5 | Business Administration, Economics | A1N | JIPR24 |
| Master Thesis in Business Administration                   | 15  | Business Administration            | A1E | JTBT27 |

### Programme overview

#### Year 1

| Semester 1  |  | Semester 2  |                                     |
|---|--|---|-------------------------------------|
| Period 1  | Period 2   | Period 3  | Period 4                            |
| Advanced Microeconomics, 7.5 credits                                    | Advanced Security Markets and Financial Contracts, 7.5 credits | Analytical Methods for Economic and Financial Analysis, 7.5 credits | Derivatives Securities, 7.5 credits |
| International Portfolio Management and Investment Analysis, 7.5 credits | Advanced Topics in Finance, 7.5 credits                        | Master Thesis in Business Administration, 15 credits                |                                     |

### Teaching and examination

To pass a course, the student needs to fulfill all the course requirements. Examination will be executed by written exam, oral exam or term papers. Different methods of examination can be used within a single course. The student will be offered examination opportunities in accordance with document: Regulations and Guidelines for first, second and third cycle education at Jönköping University. Mandatory workshops and assignments can figure within the frame of the course.

All courses offered by JIBS will be graded according to the following six levels: A-E constitutes a pass and FX or F is equal to a fail. The grades Pass or Fail can also be used for selected examinations.

### Prerequisites

The applicant must hold the minimum of a Bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 90 ECTS credits in one (or a combination) of the following areas: business administration, economics, computer engineering, industrial engineering and management, or equivalent. At least 60 ECTS credits must be in business administration and 10 ECTS credits in statistics, mathematics or econometrics or the equivalent. Proof of English proficiency is required.

### Continuation Requirements

This programme runs for only one year, and therefore has no continuation requirements.

### Qualification Requirements

To obtain the Master of Science (60 Credits) with a major in Business Administration, the student must complete the course requirements of at least 60 credits at the higher education level that were not used for the bachelor degree, with at least 45 credits overall in second-cycle courses and at least 30 of those second-cycle credits in business administration including a 15 credit thesis course in Business Administration.

To obtain the Master of Science in Business (60 credits) with a major in Business Administration, with a focus on International Financial Analysis, the student must complete: (1) the requirements for the Master of Science in Business (60 credits) with a major in Business and Economics, (2) all mandatory programme courses as listed in the above contents section, or their equivalent, and (3) a Master thesis in Business Administration (15 credits) that covers a topic with relevance for International Financial Analysis.

## **Quality Development**

Our cooperation with JSA, the student organisation, is crucial. This work is conducted on two levels, programmes and courses.

### **Programme level**

On the programme level student representatives for the programme are elected. The student representatives and the programme directors meet regularly to discuss courses and the progress of the programme. The representatives stay in contact with course coordinators to share the overall impression and student experiences from courses, in addition, the Programme Director leads quality assurance work together with a programme group (faculty) and an advisory board (corporate representatives).

### **Course level**

On the course level, student evaluators and course leader meet shortly after the course has started. The purpose is to ensure that the course is working well and if necessary make minor changes. After each course is finished all students perform course evaluations in the learning management system, and programme developers evaluate the course on the aggregate level and communicate with the programme director and course leader.

## **Other Information**

Preparatory/foundation courses cannot be included/counted for the JIBS degree.

Additional information, regarding the programme, will be presented on JIBS homepage before each application period.