



universität  
wien

Faculty of Business,  
Economics and Statistics

# BANKING AND FINANCE

New Master's Programme in 2017





## CONTENT AND FOCUS

The aims of the master's programme in Banking and Finance are

- to offer a solid and well-founded education in finance, particularly focusing on asset pricing and financial markets, banking and financial intermediation as well as corporate finance;
- to equip students with the ability to understand finance-related issues in a comprehensive way and analyse them using adequate models and methods;
- to provide students with the necessary skills to deal with data and information systems related to financial markets in a critical, reflexive and also application-oriented way;
- to enable students to adapt and apply their theoretical knowledge when making practical management decisions;
- to prepare students for a PhD programme in Finance.

## WHO CAN APPLY?

The master's programme is intended for all students with an aptitude for financial issues. We encourage students with various backgrounds such as business, economics, statistics, mathematics, physics and technical sciences to apply. A sound background in mathematical and statistical tools is advantageous but not a requirement. However, we expect students to have a working knowledge of calculus and to know the basics of vectors and matrices, probability and statistics. Candidates are not required to have previous work experience but it would not put them at a disadvantage.

## ENTRY REQUIREMENTS

To be admitted to the master's programme in Banking and Finance, students must have completed a suitable bachelor's programme at a recognised Austrian or foreign post-secondary educational institution.

Graduates from the bachelor's programmes Business Administration, International Business Administration, Economics, Statistics, Business Informatics, Computer Science and Mathematics at the University of Vienna qualify as candidates for admission to the master's programme in Banking and Finance without any other requirements.

### **For graduates of other programmes, the following qualitative admission requirements apply in any case:**

- sufficient command of English corresponding to at least level C1 of the Common European Framework of Reference for Languages. Please find detailed English language proficiency criteria at [studentpoint.univie.ac.at/en/application/admission-master-programmes/diploma-from-another-university](https://studentpoint.univie.ac.at/en/application/admission-master-programmes/diploma-from-another-university)
- prior training in the fields of business administration, economics, mathematics, and statistics comprising 30 ECTS credits, of which at least 3 ECTS credits each must have been acquired in courses on mathematics and statistics
- achievement of at least 150 points in the assessment section on Quantitative Reasoning of the GRE revising General Test (in which mathematical knowledge is examined and a total maximum of 170 points can be acquired) within the previous two years.



## KEY DATA

**Duration:** 4 semesters, 120 ECTS

**Degree:** Master of Science (MSc)

**Language of instruction:** English (courses offered in German may be chosen as electives)

## COURSES

Introductory phase (36 ECTS):

- Basics of Finance (4 ECTS)
- Decisions under Uncertainty (4 ECTS)
- Introductory Econometrics (8 ECTS)
- Core Courses in Finance 1 (12 ECTS) (Asset Pricing, Banking and Financial Intermediation, and Corporate Finance, 4 ECTS each)
- Money and Banking (4 ECTS)
- Game Theory and Information Economics (12 ECTS)

## STUDENTS MAY CHOOSE BETWEEN TWO SPECIALISATIONS:

### **Business orientation**

- Specialisation (24 ECTS) in Banking or Corporate Finance
- Electives in Finance, Accounting and Economic Law (20 ECTS)
- Electives in Business, Economics and Statistics (8 ECTS)

### **Science orientation**

- Core Courses in Finance 2 (12 ECTS)
- Econometrics in Finance (8 ECTS)
- Specialisation (16 ECTS) in Banking or Corporate Finance or Financial Markets
- Electives in Finance, Business Administration (in particular Accounting and Controlling), Economics, Mathematics and Statistics, Financial and Insurance Mathematics, Econometrics, Programming and Computer Based Financial Modelling, Economic Law, Psychology (16 ECTS)

### **Master's Thesis Module**

(24 ECTS, including seminar and public defense)



## JOB OPPORTUNITIES

The master's programme in Banking and Finance provides students with the necessary skills for ambitious careers in theoretical and applied research as well as for specialised and executive positions in both private enterprises and the public sector.

In particular, graduates of this programme find excellent opportunities in consulting firms, controlling and finance departments of companies, risk-management and corporate finance departments of banks as well as central banks, government and supervisory agencies, international financial institutions, and research units of commercial and investment banks. It also prepares students for good international PhD programmes.



**Anna Demmelmayr, MSc**  
Senior Associate KPMG  
Advisory GmbH Austria

Graduate of the 2014 master's programme in Business Administration with specialisations in Corporate Finance and Operations Research

*"For me it was a good choice to study at the Faculty of Business, Economics and Statistics at the University of Vienna, in particular because of the practically-oriented group works, the quantitative orientation in many of my elected courses, small class sizes and the excellent relation between lecturers and students.*

*In my daily work, I often rely on the financial knowledge and the ability to solve new and complex problems, aquired and exercised at the University of Vienna.*

*The new master's programme in Banking and Finance sounds very interesting to me. It provides a consolidated financial knowledge and opens the doors to a wide range of opportunities in the professional and also academic world. "*



**Richard Boulanger (CFA), MSc**  
Global Macro Strategist  
ZZ Asset Management

Graduate of the 2014 master's programme in Business Administration with Specialisations in Corporate Finance and Operations Research

*"The master's programme in Business Administration with full specialisation in Finance gave me a sound knowledge of Corporate Finance and Financial Markets with a focus on quantitative approaches.*

*The matter I especially like in the new master's programme in Banking and Finance is the diversity of students. Undergraduates with different academic backgrounds, reaching from business administration and economics to mathematics, statistics and business informatics will teach all participants to solve problems through a variety of methods and look at challenges from different angles. I think the new programme is a great opportunity for all students with a high motivation and self-initiative to build a solid ground for their future career".*





## THE UNIVERSITY OF VIENNA

The University of Vienna was founded by Duke Rudolph IV in 1365. It is the oldest university in the German-speaking world and one of the largest in Europe.

In the field of research, the University of Vienna is subdivided into 19 faculties and centres.

In 175 degree programmes, the University of Vienna provides an opportunity for its currently approximately 94,000 students to acquire knowledge and methodological core competencies in the course of their studies and in the form of academic work under the supervision of academics.

The University of Vienna is a research university with an international reputation. Studying at the University of Vienna means meeting and cooperating with individuals of different origins, of varied cultural and social backgrounds and experiences.

## THE FACULTY OF BUSINESS, ECONOMICS, AND STATISTICS

Economics has a long tradition at the University of Vienna. At the end of the 19th century, it was one of the world's leading centres for economic theory. Carl Menger, Friedrich von Wieser and Eugen von Böhm-Bawerk, the founding fathers of the Austrian School, were professors at our University. They taught eminent economists such as Fritz Machlup and Oskar Morgenstern. Two of the most influential economists of the 20th century, Joseph Schumpeter and Friedrich August von Hayek, earned their doctorate at the University of Vienna.

Today, our faculty is highly international and research-oriented. It comprises the Departments of Business Administration, Business Law, Economics, Economic Sociology, Finance, and Statistics and Operations Research, as well as the Vienna Center for Experimental Economics (VCEE) and a Division of Business Languages.

The core of our faculty consists of about 100 academics. About 50 of these are tenured faculty (professors and associate professors) and about 50 are non-tenured faculty (assistant professors and post-docs). In addition, we also host third-party funded personnel, junior researchers as well as teaching and research assistants enrich our faculty as well. We teach about 4,300 students, of which around 2,850 are at bachelor's level, approximately 1,310 are at master's level and about 140 are graduate students on their way to earning a doctoral degree.

## INFORMATION AND CONTACT

More information about the master's programme in Banking & Finance:

[finance.univie.ac.at/lehre/master-banking-and-finance](https://finance.univie.ac.at/lehre/master-banking-and-finance)

The studies service centre (SSC) is the central information point for students at the Faculty of Business, Economics and Statistics. The team of the SSC takes time to advise students competently and reliably in questions concerning the organisation of their studies as well as matters related to rules and regulations for studying.

### Studies Service Centre Business, Economics and Statistics

University of Vienna

Oskar-Morgenstern-Platz 1, 1090 Vienna

[ssc-wiwi@univie.ac.at](mailto:ssc-wiwi@univie.ac.at)

[wirtschaftswissenschaften.univie.ac.at](https://wirtschaftswissenschaften.univie.ac.at)

Student Point provides students with all kinds of information about studying at the University of Vienna.

### Student Point

University of Vienna

Universitätsring 1, 1010 Vienna

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## LOCATION PLAN

