Zürcher Hochschule
für Angewandte Wissenschaften

School of Management and Law

Consecutive Master's Degree Program
Master of Science in Banking and Finance

Building Competence. Crossing Borders.

In cooperation with:

Lucerne University of
Applied Sciences and Arts
HOCHSCHULE
LUZERN
Wirtschaft

Welcome to Zurich-Winterthur

The City of Winterthur

- With 100,000 inhabitants, Switzerland's sixth largest city
- Home to many Swiss and international companies
- Lively theater scene
- 17 museums
- Over 200 restaurants
- Numerous cafes, clubs, and bars
- Music festivals
- Street festivals
- Convenient public transportation network
- Broad range of sports offerings with over 300 sports associations, fitness clubs, and public sports facilities
- Extensive network of cycling trails
- Expansive parks and green spaces in the city; many recreational areas nearby

Information on current events can be found at www.winterthur-tourismus.ch

Location

- Fast connections via public transportation to all regions of Switzerland (winter sports destinations, many excursion possibilities)
- Just 18 minutes to the financial metropolis of Zurich
- Just 12 minutes to Zurich Airport with connections to major European cities and international destinations

The ZHAW School of Management and Law is a four-minute walk from the Winterthur train station.

By car

From Zurich ⇨ Take the N1 highway toward St. Gallen/ Winterthur to Exit 68 Winterthur Töss. Follow Zürcherstrasse (ca. 1.5 km), then bear left at the light onto Neuwiesenstrasse toward Schaffhausen. Drive approx. 0.7 km to Wülflingerstrasse, then turn right at the light. Drive under the railway overpass to St.-Georgen-Platz (approx. 0.3 km).

From St. Gallen ⇨ Take the N1 highway toward Zurich to Exit 71 Winterthur Ohringen, then turn left onto Schaffhauserstrasse. After 2.5 km, turn left onto St.-Georgen-Strasse. Drive under the railway overpass to St.-Georgen-Platz (approx. 0.1 km).

Parking is available in the parking garages at the train station or at Stadttheater. Short-term parking is permitted right across the street from the school.

Program

Our Master of Science in Banking and Finance is a particular specialization of a Master's degree: it builds upon the Bachelor in Business Administration with a specialization in Banking and Finance. The Master's program offers the opportunity for further in-depth study in the specialization.

Program Goals and Profile

The profile of the MSc in Banking and Finance aims to provide students with current scientific knowledge so they are prepared to take on challenging positions in finance branch or a closely related sector. As an applied university, we strive to maintain a close connection between scientific theory and practical application.

In accordance with the overall post-graduate university goals, this Master's course of study serves to broaden both professional as well as methodological competencies.

The MSc in Banking and Finance distinguishes itself from other university programs based on these goals:

- In contrast to most other Master's programs, students will only be admitted if they have already earned at least 30 credits within the specialization in Banking and Finance during their Bachelor's degree program. As a result, our students already have extensive expertise in the subjects of corporate finance, financial services management, financial instruments, and financial markets.
- In terms of banking and financing, our course of study is generally aligned, but there is a variety of possibilities for specialization.
- The courses are primarily offered in German; however, part of the curriculum is taught in English. In this way, exchange students may also take advantage of this excellent opportunity during their semester abroad at the ZHAW School of Management and Law.

Practice-Based Science

Nearly half of the study is dedicated to practical research. The students acquire further competencies in scientific work, conduct applied reasearch projects, and write a scientifically-based Master's thesis on an issue of practical relevance.

A great emphasis is placed on conveying scientific competencies to deal with questions related to daily business practices.

Instruction

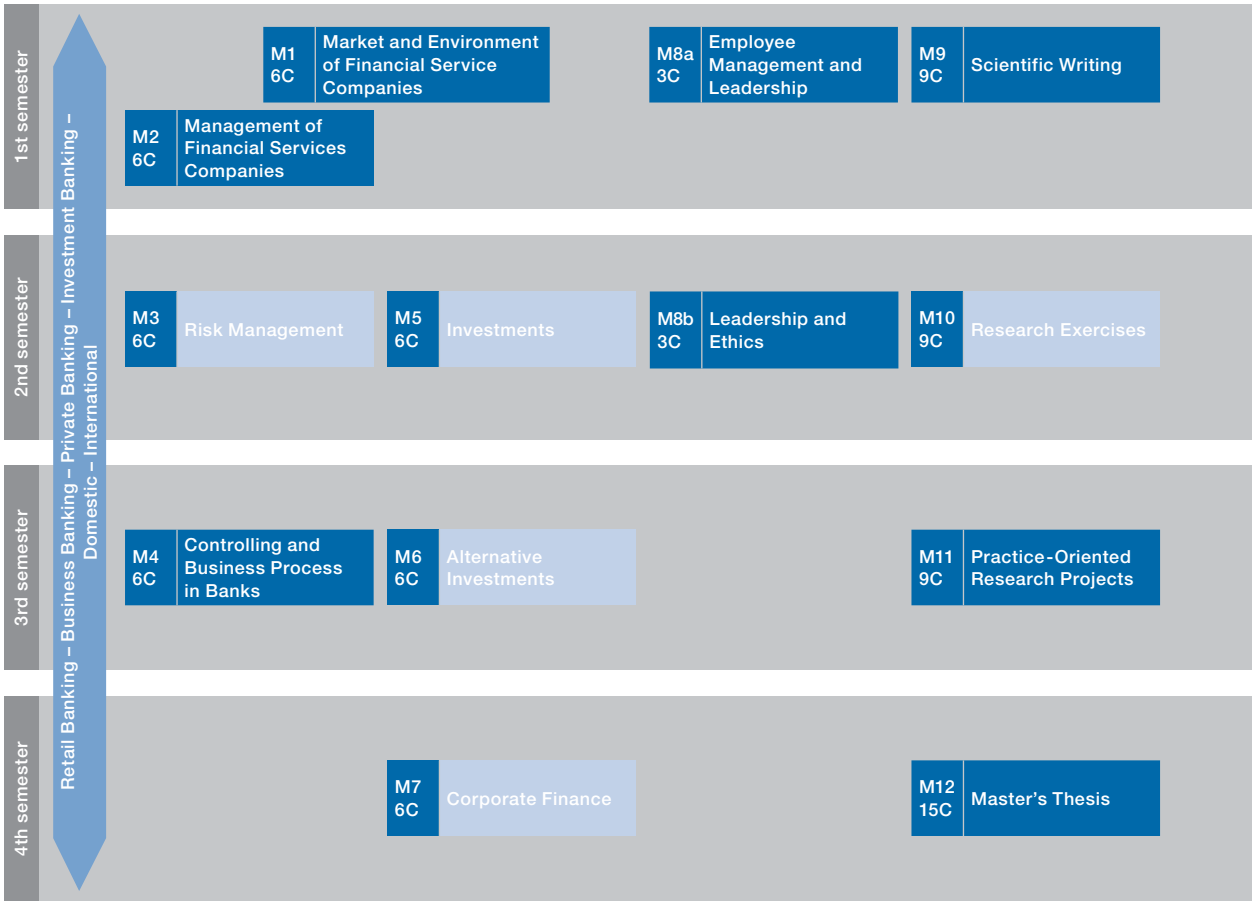
Fundamentally, the program follows the principle of blended learning. Contact hours, self-study, and e-learning are purposefully linked with each other.

At the Master's level, our senior lecturers have profound scientific knowledge as well as extensive practical experience. This ensures that the program is based on both science and practice.

The Master of Science in Banking and Finance program consists of 12 modules and promotes entrepreneurship, professionalism, and methodological competence.

Program Focus

- In-depth understanding of the financial services market and environment
- Management of financial service companies and their employees
- Examination of specific problems regarding financing and investments
- Systematic risk management in the financial services branch
- Application of well-founded concepts to deal with concrete challenges in practice
- Practical application of scientific methods to related research projects
- Master's thesis as an independent contribution to applied research and the result of expertise and methodological competency acquired



M = Module; C = ECTS Credits (1 Credit = 30 hours of student workload)

Curriculum is taught in English. For details on modules taught in English, please refer to the following pages.

Only courses taught in Englisch are listed

Spring Semester

Module 3: Risk Management

In general, this module offers insight into models and management techniques that are of importance in the risk management divisions of banks. In Course 3.1, students learn more about operational risk and the capital requirements of all risk categories. Courses 3.2 and 3.3 focus on the models and management techniques of credit risk and market risk.

Courses:

3.1 Bank Risk Management
3.2 Credit Risk Management
3.3 Market Risk Management

Prerequisite: Bachelor's degree program covering important parts of bank risk management.

Module 5: Investments

The purpose of this module is to examine the factors relevant to investment decisions.

Courses:

5.1 Behavioral Finance
5.2 Fixed Income Management
5.4 Management of Mutual and Pension Funds

Prerequisite: Bachelor degree program covering the basics of financial theory (courses in portfolio theory, CAPM, and financial decision-making).

Module 7: Corporate Finance

This module deals with topics of corporate financing, such as venture capital, family businesses, and mergers and acquisitions. Moreover, problems of international financing are also integrated into the module. Students must attend the Advanced Corporate Finance course.

Courses:

7.1 Advanced Corporate Finance (mandatory)
7.2 Family Business Finance
7.5 Funding and Financial Risk Management for International Corporations

Prerequisite: Bachelor's degree program covering the basics of financial theory (courses in portfolio theory, CAPM, and financial decision-making).

Module 10: Research Exercises

This module builds on topics covered in Module 9. Knowledge of scientific methodologies thus far acquired are applied in exercises and used to assess existing research work.

Prerequisite: Bachelor's degree program covering the basics of financial theory (courses in statistics, regression analysis, and time series analysis).

Only courses taught in Englisch are listed

Fall Semester

Module 6: Alternative Investments

In this module, alternative investments are analyzed in terms of their functionality, markets and market participants, and contribution to risk and return on portfolios.

Courses:

6.2 Private Equity

6.4 Commodities and Other Alternative Investments

Prerequisite: Bachelor's degree program covering the basics of financial theory (courses in portfolio theory, CAPM, and financial decision-making).

Organizational Details

Start of Program

The Master of Science in Banking and Finance program begins annually in mid-September and takes two years to complete.

Instruction

The modules are taught on Mondays, Tuesdays, and Wednesdays.

Campuses

The program takes place in Winterthur and/or Zug at the respective university.

Both universities have modern, well-equipped classroom facilities.

Contact Details:

Applications must be submitted by June to:

ZHAW Zurich University of Applied Sciences
School of Management and Law
Master's Programs Office
St. Georgen-Platz 2
P.O. Box
8401 Winterthur
Switzerland
Phone +41 58 934 68 34
info-master.sml@zhaw.ch

Incoming students may join the program for one semester. Their applications must be received by June (for the fall semester) and by November of the previous year (for the spring semester).

Campuses

Winterthur

Departement Angewandte Linguistik

SM Mäander C

SF Mäander Flachbau

School of Management and Law

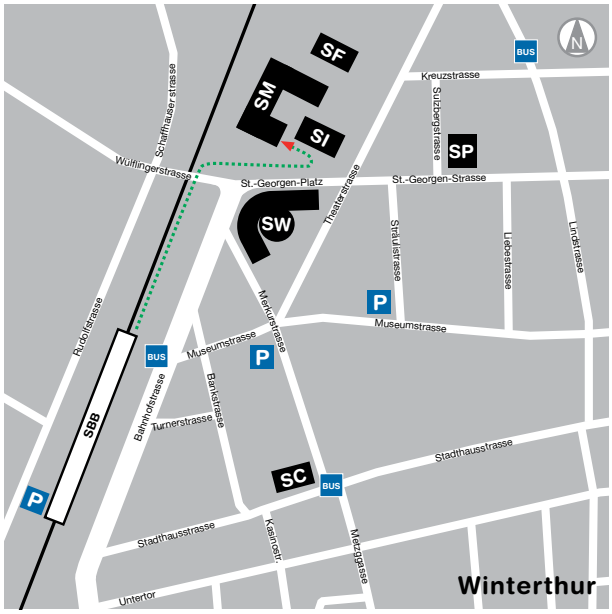
SC Stadthausstrasse Building

SI Mäander C Building

SW Volkart Building

SP Im Park

▶ Building entrance



Zug

Zurich University
of Applied Sciences

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www.sml.zhaw.ch