Most corporate decisions involve financial aspects. This is the starting point for the Banking & Finance area of specialisation: In addition to generalised skills in business administration and management, students acquire specialised understanding of corporate financial management. The students will analyse the problems associated with corporate capital acquirement, management and repayment. They will be made familiar with a wide range of financial instruments and their associated potential and risks, and will be capable of employing these appropriately in various circumstances. Course participants will also be familiar with and capable of evaluating various securities and derivative instruments. They will be aware of the risks of capital investment and of risk management concepts (keywords: Basel II and Solvency II). Students will have the possibility to use extensively Excel for solving optimisation problems arising in portfolio management and calculating risk-adjusted performances.

Students will also gain insight into globally-oriented corporate concepts. They will learn methods for corporate valuation that form the basis for analysis not only of one's own company but also for decision-making with regard to strategic transactions (keywords: mergers and acquisitions). However, in this specialisation, students will also look in detail at the banking and financial industries that play an important role within the Swiss economy. They will discover what determines whether a bank is successful and the specific problems associated with the management of a bank.

**MBF1 – Security Analysis**

In the first part you’ll learn the main fixed income instruments and in the second part structured products. You’ll learn the pricing of these instruments and the methodology of how to analyse those instruments.

ECTS credits: 3
Offered: AS 2019/20
Study language: English

**MBF2 – Derivatives**

You’ll learn the pricing and strategies of financial derivatives: SWAPs, Options and other Derivatives.

ECTS credits: 3
Offered: AS 2019/20
Study language: English
### MBF3 – Risk Management Major

Introduction into Risk Management, covering its most important methods/concepts as applied in practice (standards of "best practice") with a focus on financial risks (market risks, credit risk, liquidity risk, ALM). Holistic treatment of practical issues along the risk management process: risk identification, risk quantification, risk reporting, risk management, from strategic aspects (strategic risk management, ERM) all the way down to tactical and technical dimensions (risk quantification on a stand-alone basis, portfolio risk).

- ECTS credits: 3
- Offered: SS 2020
- Study language: English

### MBF4 – Portfolio Management Major

Students will receive a sound introduction in portfolio management. Emphasis is given to the use of Excel as a calculation tool to calculate absolute and relative optimization problems. You’ll be able to calculate the risk-adjusted performance of an investment and perform a performance attribution. Furthermore, you’ll use a demo account to practice different investment instrument learned in the specialization.

- ECTS credits: 3
- Offered: SS 2020
- Study language: English

### IBF1 – Security Markets Minor

Introduction into the most important financial markets (money market, capital market, mortgage market, credit market, stock market, foreign exchange market) and institutions (banks, finance companies, mutual and hedge funds...) covering: their structure, role, relationships and mechanics.

- ECTS credits: 3
- Offered: AS 2019/20
- Study language: English

### IBF2 – M&A and related transactions Minor

Mergers & acquisitions and related transactions have a considerable impact on the implementation of a corporate strategy. Corporations buy and sell other entities in order to reach their growth targets or to improve the composition of their portfolio. The M&A process encompasses a wide variety of topics which have to be mastered in order to complete a transaction successfully. They include issues such as the search of acquisition targets or potential buyers, valuation and due diligence, negotiations, drafting of agreements, antitrust, financing and tax as well as implementation.

- ECTS credits: 3
- Offered: AS 2019/20
- Study language: English
IBF3 – Bank- and Insurance management

Introduction to Bank and Insurance Management and Management of other financial institutions,
Main Topics: Strategic Management (Business Line, Corporate Strategy) / Business Models /
Regulatory Aspects / Corporate Governance.

ECTS credits: 3
Offered: SS 2020
Study language: English

IBF4 – Alternative Investments

This module gives you a sound introduction to alternative investments. It covers three topics:
private equity, hedge funds and behavioural finance. The first part of the course gives an
introduction to the private equity and hedge fund industry and its characteristics. Special emphasis
is given on the wide range of trading strategies used by hedge funds. The second part gives an
introduction to behavioural finance which is a relatively new field of study that considers the
influence of psychological factors on individual choice behaviour when making financial decisions.
The assessment is based on a group presentation and a multiple choice question exam.

ECTS credits: 3
Offered: SS 2020
Study language: English

Career prospects for assistance

After obtaining their degree, students who have specialised in Banking & Finance will have the
necessary basic qualifications for a career in banking, insurance, corporate finance, management
consulting and accountancy/auditing.

Potential careers include customer advisor at a bank or insurance company, portfolio manager and
risk manager at a financial institution, CEO assistant, work in specialised tasks within the financial
and corporate industry.