

(all mandatory modules)

G1 Methodological foundations 7 ECTS. 142 teaching sessions

G1-1 Academic research, study methods and communication

- G1-2 Digital competences and methods
- G1-3 Financial mathematics and statistics: an introduction

G2 Introduction to business administration

7 ECTS, 140 teaching sessions

- G2-1 Management of operational resources
- G2-2 Bookkeeping, cost accounting and financial statements

G3 Introduction to the banking industry 8 ECTS, 142 teaching sessions

- G3-1 Structure of the banking system and fundamentals of the banking industry
- G3-2 Introduction to central banking
- G4 Introduction to the legal system: Basic Law. Civil **Code and Commercial Code** 5 ECTS, 90 teaching sessions
- **G5** Principles of economics 5 ECTS, 88 teaching sessions

Total: 32 ECTS, 602 teaching sessions

(all mandatory modules)

Digital applications and quantitative methods

6 ECTS, 110 teaching sessions

- A1-1 Digital applications in central banks
- A1-2 Finance and statistics: deepening of knowledge

Business administration: deepening of knowledge

7 ECTS, 128 teaching sessions

- A2-1 Single-entity and consolidated financial statements IFRS
- A2-2 Theory of corporate finance

Payment transactions 5 ECTS, 80 teaching sessions

- A4 Credit and banking supervision
- 8 ECTS, 168 teaching sessions Applied management of credit institutions
- A4-2 Fundamentals of banking and financial services supervision

Monetary economics 6 ECTS. 114 teaching sessions

Total: 32 ECTS, 600 teaching sessions

(mandatory and elective modules)

Students select a specialisation (in each case: two mandatory and two elective modules worth 8 ECTS, 140 teaching sessions

- A Supervisory/ fin stab functions: V1. V2. V5 + V3 or V6
- V1. V2. V3 + V4 or V6 B Bank operational functions:
- Q Interdisciplinary and IT functions: V1, V2, V4 + V5 or V6

Modules in in-depth study 1:

- V1 Bank and central bank management (mandatory)
- V1-1 Bank management and risk management
- V1-2 Central bank management and communication

V2 Analysis of financial statements and financial instruments (mandatory)

- V2-1 Analysis of financial statements
- V2-2 Valuation and risk analysis of financial instruments

V3 Financial markets and international economics

- V3-1 Securities and foreign exchange transactions. international financial markets
- V3-2 International economics and international governance

Organisation, management and human resources mar agement (elective)

- V4-1 Organisation and human resources
- V4-2 Managing people and organisations in changing contexts

Banking, securities and insurance supervision (elective)

- V5-1 Basel Capital Accord
- V5-2 Securities and insurance supervision

V6 Digital transformation und advanced analytics (elective)

- V6-1 Digital transformation
- V6-2 Advanced analytics
- V6-3 Use cases

Total: 32 ECTS, 560 teaching sessions

(all elective modules)

Subject to chosen specialisation students pass 4 elective modules (4 modules worth 5 ECTS each, 88 teaching sessions)

- A Supervisory and financial stability functions: W1. W2. W3. W5
- B Bank operational functions: W1. W3. W4. W6
- Q Interdisciplinary and IT functions: W2. W4. W5. W6

Modules in in-depth study 2:

Module group 1 – Case studies on core business areas

- W1 Case studies on monetary policy and financial stability
- W2 Case studies on financial supervision
- W3 Case studies on payment and financial market infrastructure

Module group 2 – Key methods

- W4 Corporate law, contract practice and contract management
- W5 Financial econometrics
- W6 Process and project management

Total: 20 ECTS, 352 teaching sessions

Defence of Bachelor's thesis (2 ECTS) Final oral exam