Finance

Code 8807970014

ECTS credits 6

Attendance time 4

Language of instruction english

Duration 1

Cycle each Summer Semester

Coordinator Dean of Studies

Instructor(s) All professors and lecturers of Management and Economics

Allocation of study programmes Wirtschaftsmathematik BSc, Studienbeginn SoSe, Wahlpflichtmodul
Wirtschaftsphysik BSc, Studienbeginn SoSe, Wahlpflichtmodul
Wirtschaftschemie BSc, Studienbeginn SoSe, Wahlpflichtmodul

Recommended prerequisites Module "Einführung in die Betriebswirtschaftslehre"

Learning objectives Students will be able to
• determine the cost of different sources of capital,
• understand the impact of the capital structure on the value of companies,
• apply different approaches for company valuation,
• understand the relation between rate of return and risk,
• value options and similar derivatives.

Syllabus The course covers:
• Different forms of financing sources and the role of financial intermediaries
• Organization of capital markets and stock exchanges
• Return and risk at capital markets
• Theory of portfolio optimization
• Capital Asset Pricing Model
• Cost of capital and capital structure
• Company valuation

• - Dividend discount model
• - Discounted Cash Flow
• - Multiples

• Valuation of European Options on the basis of binomial models

Literature


Teaching and learning methods

Finanzierung (l), 3 SWS, compulsory elective Finanzierung (e), 1 SWS, compulsory elective

Workload

In-class: 60 h Self-study: 100 h In sum: 180 h

Assessment

No english version available yet.

Grading procedure

No english version available yet.

Basis for

Vertiefungs- bzw. Nebenfach Wirtschaft