Module title: Business Valuation between Financial Mathematics and Data on Capital Market

Abbreviation: 12-UBW-F-152-m01

Module coordinator: holder of the Chair of Business Management, Banking and Finance

Module offered by: Faculty of Business Management and Economics

ECTS: 5

Method of grading: numerical grade

Only after succ. compl. of module(s)

Duration: 1 semester

Module level: undergraduate

Other prerequisites: --

Contents:

Content:
This course deals with the "objectified corporate valuation" of public companies, the components of the discount rate and the mathematical structure of the DCF methods.

Outline of syllabus:
1. Introduction
2. Uncertainty as the central problem in the valuation of a company
3. Estimation of surpluses: accuracy and consistency
4. Risk free rate: capitalised value under certainty applying different interest rate structures
5. The risk premium: identification of the relevant risk and its equivalence for valuation object and alternative investment
6. Different discounted cash flow valuation methods: formal foundations and economic principles

Intended learning outcomes:
After completion of the module "Business valuation between Financial Mathematics and capital market data" students can
(i) understand the modern process of objectified business valuation theory;
(ii) examine submitted reviews according to consistent application of these methods.

Courses:
V (2) + Ü (2)

Method of assessment:
written examination (approx. 60 minutes)

Allocation of places:
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Additional information:
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Referred to in LPO 1:
(examination regulations for teaching-degree programmes)

Allocation of places:
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Module appears in:
Bachelor's degree (1 major) Business Management and Economics (2015)
Bachelor's degree (1 major) Economathematics (2015)
Bachelor's degree (1 major) Business Information Systems (2015)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2015)
Master's degree (1 major) China Business and Economics (2016)
Bachelor's degree (1 major) Business Information Systems (2016)
Bachelor's degree (1 major) Economathematics (2017)
Master's degree (1 major) China Business and Economics (2019)
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