Course and Examination Fact Sheet: Spring Semester 2019

8,178: Asset Liability Management for Insurance Companies

ECTS credits: 4

Overview examination/s
(binding regulations see below)
Decentral - Written examination (100%, 90 mins.)

Attached courses
Timetable -- Language -- Lecturer
8,178,1.00 Asset Liability Management for Insurance Companies -- Englisch -- Schmeiser Hato

Course information

Course prerequisites
Bachelor Degree or equivalent.

Course content
The course Asset Liability Management describes and profoundly discusses concepts for the management of assets and liabilities in insurance companies. Initially, asset and liability management are considered separately. Finally, asset and liability side are combined with the purpose of developing integrated management approaches for life and non-life insurance companies.

Course structure
Asset management of insurance companies (basic considerations; Insurance Capital Asset Pricing Model; legal requirements of asset allocation policy; strategic aspects of asset allocation policy; performance measurement of capital allocation policy in insurance companies)

Liability management of insurance companies (group-balance concept; forms of risk diversification; reinsurance policy; Alternative Risk Transfer (ART); Solvency I, Solvency II, and Swiss Solvency Test (SST))

Asset liability management of insurance companies (overview and motivation; forms of asset liability management; asset liability management based on Markowitz approach: simultaneous vs. classical modeling; theoretical approaches for profit and solvency control based on integrated models)

Course literature


Fact sheet version: 1.0 as of 01/21/2019, valid for Spring Semester 2019


Additional course information

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Examination information

Examination sub part/s

1. Examination sub part (1/1)

Examination time and form
Decentral - Written examination (100%, 90 mins.)

Remark
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Examination-aid rule
Extended Closed Book
The use of aids is limited; any additional aids permitted are exhaustively listed under “Supplementary aids”. Basically, the following is applicable:

- At such examinations, all the pocket calculators of the Texas Instruments TI-30 series and mono- or bilingual dictionaries (no subject-specific dictionaries) without hand-written notes are admissible. Any other pocket calculator models and any electronic dictionaries are inadmissible.
- In addition, any type of communication, as well as any electronic devices that can be programmed and are capable of communication such as notebooks, tablets, PDAs, mobile telephones and others, are inadmissible.
- Students are themselves responsible for the procurement of examination aids.

Supplementary aids
Pocket calculator TI-30 series

Examination languages
Question language: English
Answer language: English

Examination content
All course contents / topics as defined above and treated in class.

Examination relevant literature
See course references.
Please note
We would like to point out to you that this fact sheet has absolute priority over other information such as StudyNet, faculty members’ personal databases, information provided in lectures, etc. When will the fact sheets become binding?

- Information about courses and examination time (central/decentral and grading form): from the start of the bidding process on 24 January 2019
- Information about decentral examinations (examination-aid rule, examination content, examination relevant literature): after the 4th semester week on 18 March 2019
- Information about central examinations (examination-aid rule, examination content, examination relevant literature): from the start of the enrolment period for the examinations on 08 April 2019

Please look at the fact sheet once more after these deadlines have expired.