**Module title**  
Economic Basics of Risk Management

**Abbreviation**  
12-Risk-082-m01

**Module coordinator**  
holder of the Chair of Economics, Information and Contract Economics

**Module offered by**  
Faculty of Business Management and Economics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tr>
<td>5</td>
<td>numerical grade</td>
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**Duration**  
1 semester

**Module level**  
graduate

**Other prerequisites**  
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**Contents**

Rational decisions under uncertainty  
1. Measures of risk aversion  
2. Mean preserving spread  
3. Axiomatic foundations of the expected utility hypothesis (Neumann/Morgenstern, Savage)  
4. Insurance contracts  
5. Optimal portfolios  
6. Adverse selection  
7. Moral Hazard  
8. Experimental evidence and alternative approaches

**Intended learning outcomes**

After completing the course students are able to  
1. explain the results of the economic theory of decisions under risk,  
2. apply the involved methods to given simple examples on their own,  
3. recognise, in which real life situations and how the results can be applied.

**Courses**

(type, number of weekly contact hours, language — if other than German)  
V + Ü (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)  
written examination (approx. 60 minutes)

**Allocation of places**  
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**Additional information**  
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**Referred to in LPO I**

(examination regulations for teaching-degree programmes)  
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**Module appears in**

Bachelor’ degree (1 major) Business Management and Economics (2009)  
Bachelor’ degree (1 major) Business Management and Economics (2007)  
Bachelor’ degree (1 major) Business Management and Economics (2013)  
Bachelor’ degree (1 major) Business Management and Economics (2008)  
Bachelor’ degree (1 major) Business Management and Economics (2010)  
Bachelor’ degree (1 major) Economathematics (2009)  
Bachelor’ degree (1 major) Economathematics (2012)  
Bachelor’ degree (1 major) Economathematics (2008)  
Bachelor’ degree (1 major) Business Information Systems (2014)  
Bachelor’ degree (1 major) Business Information Systems (2013)  
Bachelor’ degree (1 major) Business Information Systems (2009)  
Master’s degree (1 major) Business Management (2013)
Master's degree (1 major) Business Management (2011)
Master's degree (1 major) Business Management (2010)
Master's degree (1 major) China Business and Economics (2014)
Master's degree (1 major) China Business and Economics (2012)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2010)