

# BWL-Spezialisierung: „Finance A and B”

Professur: Prof. Dr. A. Adam-Müller

<b>Name of module: Finance A</b>					
<i>Specialization: Finance, Accounting, Taxation</i>					
<b>Code</b>	<b>Workload</b>	<b>Credits</b>	<b>Term</b>	<b>Frequency</b>	<b>Duration</b>
	300 hrs	10	first term	each winter term	oneterm
<b>1</b>	<b>Classes</b>	<b>Contact hours</b>	<b>Self study</b>	<b>Expected size of cohort</b>	
	a) seminar	2 SWS / 30 hrs	120 hrs	60 students	
	b) tutorial	2-4 SWS / 30-60 hrs	90-120 hrs	60 students	
<b>2</b>	<b>Learning Outcomes / Competences</b>				
	<p>Students understand the intertemporal nature of the allocation of funds and risk through financial markets. They know how to identify and how to solve a range of financial problems. They are able to master important theoretical models and to apply them to real world problems against the background of a dynamic and often regulated market place with heterogeneous players. They can critically reflect on the suitability of models in a specific context, rationalize the choice of particular models and judge on the degree and severity of violations of assumptions when applying a model.</p> <p>Students will be able to apply models and model-based concepts to practical applications by way of transferring concepts and solution techniques. By analyzing decision problems and presenting solutions in English, students will improve their communication skills.</p>				

3	<p><b>Contents</b></p> <p>a) seminar</p> <p>The seminar focuses on particular elements of the large field of capital markets, capital market research and the interaction between firms and financial markets. These elements typically include, but are not limited to, neoclassical and behavioral financial market theory, financial intermediation and risk management, specific asset classes such as fixed income instruments or derivatives, market microstructure, investment and asset management, capital structure in incomplete markets, asymmetric information, corporate valuation, international financial management, corporate risk management, project finance and mergers and acquisitions.</p> <p>Given the current state of capital markets, further changes in the general price level in key markets, in the regulatory framework and/or in the degree and methods of financial intermediation are to be expected. In a similar vein, finance research is a fast developing field. This seminar might also cover current topics of interest either from an academic or from a market perspective.</p> <p>b) tutorial</p> <p>This part of the course presents quantitative methods necessary to understand and apply the various models and concepts. In addition, specific decision problems and/or cases will allow for the application of models to practical problems. It might also deal with the methods and results in recent developments in finance research or with the implications of recent developments in financial markets.</p>
4	<p><b>Teaching Methods</b></p> <p>a) seminar, possibly with case studies, tutorial questions and/or guest speakers b) tutorial with exercises, cases, seminar presentations, coursework and/or group work elements</p>
5	<p><b>Prerequisites</b></p> <p><b>formal prerequisites:</b> none <b>prior courses to be completed:</b> none</p>
6	<p><b>Forms of examination</b></p> <p>Written exam (90 min) <i>or</i> coursework and ungraded prerequisite.</p>
7	<p><b>Granting of credit points</b></p> <p>passing the written examination or coursework, further requirement: possibly successful participation in part b) of the course</p>
8	<p><b>Use of module</b> (in other degree schemes)</p> <p>Export from Business Administration to MSc degree schemes in Mathematics, Mathematics and Business, Sociology, Economics, Media Sciences, Political Sciences and Psychology.</p>
9	<p><b>Weight in overall mark</b></p> <p>10/120</p>
10	<p><b>Module representative and other lecturers</b></p> <p>Prof. Dr. Axel Adam-Müller and research assistants; possibly honorary professors, external lecturers and guest speakers</p>

<b>11</b>	<b>Further information</b> The module is usually taught and examined in English.
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<b>Name of module: Finance B</b>					
<i>BWL-Spezialisierung: Finance, Accounting, Taxation</i>					
<b>Code</b>	<b>Workload</b> 300 hrs	<b>Credits</b> 10	<b>Term</b> secondterm	<b>Frequency</b> each summer term	<b>Duration</b> oneterm
<b>1</b>	<b>Classes</b>	<b>Contact hours</b>	<b>Self study</b>	<b>Expected size of cohort</b>	
	a) seminar	2 SWS / 30 hrs	120 hrs	60 students	
	b) tutorial	2-4 SWS / 30-60 hrs	90-120 hrs	60 students	
<b>2</b>	<b>Learning Outcomes / Competencies</b>				
	<p>Students understand the intertemporal nature of the allocation of funds and risk through financial markets. They know how to identify and how to solve a range of financial problems. They are able to master important theoretical models and to apply them to real world problems against the background of a dynamic and often regulated market place with heterogeneous players. They can critically reflect on the suitability of models in a specific context, rationalize the choice of particular models and judge on the degree and severity of violations of assumptions when applying a model.</p> <p>Students will be able to apply models and model-based concepts to practical applications by way of transferring concepts and solution techniques. They will also be able to analyze various decision problems and present respective solutions in English.</p>				

3	<p><b>Contents</b></p> <p>a) seminar</p> <p>The seminar analyzes particular elements of capital markets, capital market research and/or the interaction between firms and financial markets in a particularly focused manner. These elements typically include, but are not limited to, neoclassical and behavioral financial market theory, financial intermediation and risk management, specific asset classes such as fixed income instruments or derivatives, market microstructure, investment and asset management, capital structure in incomplete markets, asymmetric information, corporate valuation, international financial management, corporate risk management, project finance and mergers and acquisitions.</p> <p>Given the current state of capital markets, further changes in the general price level in key markets, in the regulatory framework and/or in the degree and methods of financial intermediation are to be expected. In a similar vein, finance research is a fast developing field. This seminar might also cover current topics of interest either from an academic or from a market perspective.</p> <p>b) tutorial</p> <p>This part of the course presents quantitative methods and models necessary to understand and apply the various theoretical and/or empirical concepts. In addition, specific decision problems and/or cases will allow for the application of models and/or methods to practical problems. It might also deal with the methods and results in recent developments in finance research or with the implications of recent developments in financial markets.</p>
4	<p><b>Teaching Methods</b></p> <p>a) seminar, possibly with case studies and/or guest speakers  b) tutorial with exercises, cases, seminar presentations, coursework and/or group work</p>
5	<p><b>Prerequisites</b></p> <p>formal prerequisites: none  prior courses to be completed: none</p>
6	<p><b>Forms of examination</b></p> <p>Written exam (90 min) <i>or</i> coursework and ungraded prerequisite.</p>
7	<p><b>Granting of credit points</b></p> <p>passing the written examination or coursework,  further requirement: possibly successful participation in part b) of the course</p>
8	<p><b>Use of module</b> (in other degree schemes)</p> <p>Export from Business Administration to MSc degree schemes in Mathematics, Mathematics and Business, Sociology, Economics, Media Sciences, Political Sciences and Psychology.</p>
9	<p><b>Weight in overallmark</b></p> <p>10/120</p>

<b>10</b>	<b>Module representative and other lecturers</b> Prof. Dr. Axel Adam-Müller and research assistants; possibly honorary professors, external lecturers and guest speakers
<b>11</b>	<b>Further information</b> The module is usually taught and examined in English.