

Faculty II <i>Subject:</i>	<i>Course of study/ degree</i> Master WIRE
<i>Emphases:</i> Auditing, Finance, Taxation	<i>Section:</i> Business Administration
Module reference number: wir843	Title: Financial Risk Management
<i>Duration: 1 semester</i> <i>Cycle: Annual</i> <i>Type of module: Elective</i> <i>Level: Master's</i> <i>This module should be taken in:</i> <i>2nd semester</i>	<i>Type of program: 2 VL, or 1 VL and 1 U</i> <i>Language of program: English</i> <i>Attainable credit-points: 6</i> <i>Workload: 180 hours</i> <i>Required attendance: 56 hours</i>
<i>Person responsible for the programme:</i>	<i>Person responsible for this module:</i> Prof. Dr. Jörg Prokop
<i>Examiners</i>	<i>Alternative person(s) responsible for this module</i>
<p>Objective of the module/skills:</p> <p>The aim of the course is to provide students with a thorough knowledge of how to identify, classify, measure, and manage different types of financial business risks. In particular, we will discuss the properties and potential applications of derivatives – such as forwards, futures, options, and swaps – in financial risk management. Upon completion of this module students</p> <ul style="list-style-type: none"> • will have a sound understanding of the concept of risk management, and will be able to distinguish different types of financial risks and risk management approaches; • will have a sound understanding of the mechanics of financial markets, in particular derivatives markets; • will be able to assess the uses and limitations of financial derivatives in risk management. 	
<p>Content of the module:</p> <p>The course provides insights into the theory and practice of modern financial business risk management, including:</p> <ul style="list-style-type: none"> • the concept of risk, types of financial risks, and approaches to risk measurement; • the mechanics of financial markets, including derivatives markets; • the properties of selected financial instruments, including financial derivatives such as forwards, futures, options, and swaps; • tools and techniques for managing financial risks. 	
<p><i>Suggested reading:</i></p> <p>Highly recommended readings:</p> <ul style="list-style-type: none"> • John C. Hull, Options, Futures, And Other Derivatives, latest edition, Pearson. • Aswath Damodaran, Strategic Risk Taking: A Framework For Risk Management, Pearson 2008. <p>Optional readings:</p> <ul style="list-style-type: none"> • John C. Hull, Risk Management and Financial Institutions, latest edition, Pearson. • John C. Hull, Fundamentals of Futures and Options Markets, latest edition, Pearson. <p>Further readings may be announced during the course.</p>	
<p>Comments:</p> <p><i>Weblink:</i> http://www.uni-oldenburg.de/fiwi_bbl/</p> <p><i>Prerequisites for admission:</i></p>	<p><i>Helpful previous knowledge:</i> The course is intended for master's students with an interest in Finance, basic knowledge in microeconomics, mathematics and statistics/econometrics, and good working knowledge of a spreadsheet program, such as Microsoft Excel. Prior knowledge in financial derivatives is not required.</p> <p>Please note that the course is conceptually challenging and requires greater use of mathematical formulae than many other courses in the MA WIRE program.</p> <p><i>Associated with the module(s):</i></p>
<p><i>Maximum number of students / selection criteria:</i> <i>Type of examinations: 1 term paper (Hausarbeit) or 1 written exam (Klausur) or 1 oral exam (mündliche Prüfung) or 1 Portfolio</i> <i>Examination periods: typically at the end of the semester; potential mid-term examination dates will be announced in the first session</i> <i>Registration procedure: via Stud.IP</i> <i>Weblink for additional information:</i></p>	