

Title:	Risk management
Lecturer	Prof. Paweł Kuśmierczyk
Lecture hours:	18 hours
Study period:	Summer School
Location:	Wrocław University of Economics, Poland
Examination:	
Language:	English
Prerequisites:	<i>Economics, Mathematics, Finance</i>
Course content:	<ol style="list-style-type: none"> 1. <i>Risk concepts, risk attitudes.</i> 2. <i>Types of risk (market risk, credit risk, operational risk).</i> 3. <i>Measuring the market risk: volatility, sensitivity, Value at Risk.</i> 4. <i>Diversification as the risk management strategy.</i> 5. <i>Hedging as the risk management strategy.</i>
Learning outcomes:	During the course students will gain knowledge concerning the definition of risk, its main types, risk management procedures, and chosen risk management strategies. Students will be able to explain, apply, and interpret the risk measures, including Value at Risk, as a universal risk measure. They will learn essence of the two main risk management strategies: diversification and hedging and be able to apply them in case of simple risk management problems.
Literature	<ol style="list-style-type: none"> 1. D. Borge "The Book of Risk", John Wiley & Sons, 2001 2. M. Crouhy, D. Galai, R. Mark, "Risk Management", McGraw-Hill, 2001 3. G. Holton "Value-at-Risk. Theory and Practice", Elsevier Science, 2003 4. Ch. Marrison "The Fundamentals of Risk Measurement", McGraw-Hill, 2002