Subject card

<table>
<tr><td>Subject name and code</td><td colspan="6">Risk Management, PG_00178650</td></tr>
<tr><td>Field of study</td><td colspan="6">Finance and Accounting</td></tr>
<tr><td>Date of commencement of studies</td><td colspan="2">October 2025</td><td colspan="2">Academic year of realisation of subject</td><td colspan="2">2027/2028</td></tr>
<tr><td>Education level</td><td colspan="2">Bachelor’s studies</td><td colspan="2">Subject group</td><td colspan="2">Obligatory subject group in the field of study
Optional subject group
Subject group related to scientific research in the field of study</td></tr>
<tr><td>Mode of study</td><td colspan="2">full-time studies</td><td colspan="2">Mode of delivery</td><td colspan="2">at the university</td></tr>
<tr><td>Year of study</td><td colspan="2">3</td><td colspan="2">Language of instruction</td><td colspan="2">English</td></tr>
<tr><td>Semester of study</td><td colspan="2">6</td><td colspan="2">ECTS credits</td><td colspan="2">6.0</td></tr>
<tr><td>Learning profile</td><td colspan="2">academic</td><td colspan="2">Assessment form</td><td colspan="2">exam</td></tr>
<tr><td>Conducting unit</td><td colspan="6">Department of Investment and Real Estate -> Faculty of Management -> Rector</td></tr>
<tr><td rowspan="2">Name and surname of lecturer (lecturers)</td><td colspan="2">Subject supervisor</td><td colspan="4">dr Michał Komorowski</td></tr>
<tr><td colspan="2">Teachers</td><td colspan="4"></td></tr>
<tr><td rowspan="3">Lesson types</td><td>Lesson type</td><td>Lecture</td><td>Tutorial</td><td>Laboratory</td><td>Project</td><td>Seminar</td><td>SUM</td></tr>
<tr><td>Number of study hours</td><td>30.0</td><td>30.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>60</td></tr>
<tr><td colspan="7">E-learning hours included: 0.0</td></tr>
<tr><td rowspan="2">Learning activity and number of study hours</td><td>Learning activity</td><td colspan="2">Participation in didactic classes included in study plan</td><td>Participation in consultation hours</td><td>Self-study</td><td>SUM</td></tr>
<tr><td>Number of study hours</td><td colspan="2">60</td><td>4.0</td><td>86.0</td><td>150</td></tr>
<tr><td>Subject objectives</td><td colspan="6">The aim of the course is to familiarize students with the theoretical and practical issues of managing risk.</td></tr>
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Learning outcomes	<table><tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr><tr><td>[FiRL3_W06] To an advanced degree, the student knows and understands the objectives, essence, nature and interrelationships of financial processes, ways of recording them, and the principles of rational decision-making and implementation of changes in this area.</td><td>Student is knowledgeable about advanced methods and tools, including data collection and analysis techniques used in risk management. He can apply these techniques.</td><td>[SW4] test/exam - oral or written</td></tr><tr><td>[FiRL3_U04] The student is able—from the perspective of finance and accounting—to correctly select and properly apply methods and tools from the fields of management and quality sciences, economics, and finance to analyse and forecast economic processes and evaluate economic phenomena.</td><td>Student s knowledgeable about advanced methods and tools, including data collection and analysis techniques used in risk management. He can apply these techniques.</td><td>[SU4] test/exam - oral or written [SU5] implementation of a problem task</td></tr><tr><td>[FiRL3_U02] The student can identify, analyze or design adequate solutions to problems in finance and accounting.</td><td>Student is capable of forecasting economic processes and phenomena related to risk management using advanced methods and tools.</td><td>[SU4] test/exam - oral or written [SU5] implementation of a problem task</td></tr><tr><td>[FiRL3_W08] The student has advanced knowledge and understanding of the interrelationship of accounting and finance with business in a changing environment and the accompanying contemporary challenges and dilemmas in this context.</td><td>Student understands the principles of evaluating risk in capital investment.</td><td>[SW4] test/exam - oral or written</td></tr></table>
Subject contents	1. Introduction to risk management 2. Risk analysis of investment projects 3. Use of sensitivity analysis in the investment risk management process 4. Use of probability calculus in risk analysis 5. Adjustment of the risk discount rate and the method of the equivalent of certainty 6. Risk of investment in shares and bonds 7. Analysis of financial investment risk 8. Operational risk management. 9. Credit Risk. Credit Analysis for Government Issuers. Credit Analysis for Corporate Issuers. 10. Insurance risk management. 11. Enterprise risk management.
Prerequisites and co-requisites	Students should know the basic principles of investment management, including methods of assessing the profitability of investments divided into static and dynamic, understand the principle of the variability of the value of money over time. They should have elementary knowledge of business fundamentals and practical skills in using IT tools in management.
Assessment methods and criteria	<table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Exam</td><td>51.0%</td><td>50.0%</td></tr><tr><td>Classes final test</td><td>51.0%</td><td>25.0%</td></tr><tr><td>Classes mid term test</td><td>51.0%</td><td>25.0%</td></tr></table>
Recommended reading	<table><tr><td>Basic literature</td><td>(1) Economics, CFA Program Curriculm, Level I, Volume 2, 2019Corrporate finance and portfolio management, CFA Program Curriculm, Level I, Volume 4, 2019Equity and fixed income, CFA Program Curriculm, Level I, Volume 5, 2019 (2) George E. Rejda, Michael McNamara, Principles of Risk Management and Insurance, 13th edition, Pearson 2017 (3) John C. Hull, Risk Management and Financial Institutions, John Wiley & Sons, 2014 (4) Clayman, M. R., Fridson, M. S., & Troughton, G. H., Corporate finance: A practical approach, John Wiley & Sons, 2014.</td></tr><tr><td>Supplementary literature</td><td>(1) B. Graham, J. Zweig, W.E. Buffett: The Intelligent Investor: The Definitive Book on Value Investing. A Book of Practical Counsel, HarperCollins Publishers Inc, 2003F. (2) K. Reilly, K. C. Brown: Analysis of Investments and Management of Portfolios, Cengage Learning, 2015 (3) Madura J., Fox R., International financial management, 2017 (4) Jorion P., Financial Risk Manager Handbook (4th edition), Wiley, 2007 (5) Damodaran A., Damodaran on Valuation: security analysis for investment and corporate finance, John Wiley&Sons, New York, 1994</td></tr><tr><td>eResources addresses</td><td></td></tr></table>
Example issues/ example questions/ tasks being completed	

Work placement	Not applicable

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