

RISK MANAGEMENT

Number of credits: **3 ECTS**

Course period: Spring second half-semester / 4,5 classes (1,5 lectures + 3 seminars) per week

Language of Instruction: English

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Course description

The course «Risk-Management» extends the skills of masters, forming the base for the preparation, adoption and implementation of risk management solutions in the sphere of investment. This course aims primarily to ensure that masters can successfully apply their existing theoretical and practical knowledge in the field of financial management in accordance with the specific requirements of international requirements and standards.

The course «Risk Management» also gives fundamental knowledge of systematic approach to the study of investment risk, thereby preparing master to work in an increasing international market arising from globalization, allowing him to keep abreast of global developments and be able to apply these achievements in the work of enterprises and firms.

The course «Risk Management» pays much attention to the development of independent master skills research activities in the field of identification, assessment, management and monitoring of investment risks with the use of modern scientific methods have been widely used in the international investment practice.

Prerequisites

Administrative economy

Methods of researches in management

Modern strategic analysis

Corporate finance

Course outline

Theme 1. The notion and essence of risk

Theme 2. Risk classification

Theme 3. Risk management

Theme 4. Stages of risk management

Theme 5. Methods of risk identification, analysis and management

Theme 6. The program of risk management

Theme 7. Investment project as an object of risk management

Theme 8. The quantitative and qualitative analysis of project risks

Theme 9. The economic mathematical modeling of project risks

Theme 10. The information base of project risk management

Theme 11. The audit in risk management of invest project

Theme 12. The bankrupt risk

Theme 13. The rate risk

Theme 14. Currency risk and it's hedge

Assignments

Research tasks

Examination

Test

Course evaluation

20% attendance, 30% research tasks, 50% final test

Core reading

1. Baker H.K., Filbeck G. Investment Risk Management. - N.Y.: University Oxford Press, 2015. - 672 p.
2. John C. Hul Futures, Options and other Derivative Securities Sixth Edition (имеется русский перевод). Pearson Education, 2006. – 789 p.
3. John C. Hull Options, Futures and Other Derivatives, Six Edition. Student Solutions Manual. Pearson Education, 2006. – 789 p.

Recommended reading

1. Rachev S. T., Stoyanov S. V., Fabozzi F. J. A Probability Metrics Approach to Financial Risk Measures. - The Atrium, Southern Gate, Chichester: John Wiley & Sons Ltd, 2011. - 375 p.
2. Carol A. Value-at-Risk Models. - The Atrium, Southern Gate, Chichester: John Wiley & Sons Ltd, 2008. - 449 p.
3. Chong Y.Y. Investment Risk Management. - The Atrium, Southern Gate, Chichester: John Wiley & Sons Ltd, 2004. - 210 p.
4. Chapman C., Ward S. Project Risk Management. Processes, Techniques and Insights. School of Management, University of Southampton, UK. - - The Atrium, Southern Gate, Chichester: John Wiley & Sons Ltd, 2003. - 384 p.