Course title: BUSINESS DECISION ANALYSIS

Lecturers	Full Prof. Nina Begičević Ređep, Ph.D. Asst. Prof. Nikola Kadoić, Ph.D.
Language of instruction	Croatian and English
Study level	Master
Study programme	Economics of Entrepreneurship
Semester	1st (winter)
ECTS	6
Goal	To train students to analyze business decisions in conditions of security, uncertainty and risk, and to apply methods and tools that are characteristic of the analysis of business decisions. The student is expected to acquire sufficient knowledge to be able to recognize and apply a certain method and tool for analyzing decision-making problems and give a proposal for a business decision in a real situation, given the available information.
General and specific learning outcomes	
Content	1. Introduction to methods for decision making 2. Return on investment analysis 3. Forecasting methods 4. Basic methods for decision-making under uncertainty and risks 5. Decision-making tree 6. Bayes theorem 7. Risk matrix 8. Sensitivity analysis 9. Introduction to multi-criteria decision-making methods 10. Analytic hierarchy process 11. Analytic network process 12. Electra 13. Topsis 14. Decision support systems
Exercises	Exercises are implemented in MS Excel and follow the lectures. See Content.
Realization and examination	Tests, project, homework, different activities at class.
Related courses	
Literature	LMS Moodle