

Course syllabus

1. Core data

Course code	Credits	Semester
OPDO034NAMB	8	2024/25/2
Course title in Hungarian		
Problem Solving in Practice		
Course title in English		
Problem Solving in Practice		
Course title in other language		
Course leader	Institute	
Kiss Gabriella	Institute of Operations and Decision Sciences	
Language of instruction	Type of final assessment	
English	Seminar grade	
Number of theoretical classes per week (full-time programmes)	Number of practical classes per week (full-time programmes)	
3	2	
Number of theoretical classes per semester (part-time programmes)	Number of practical classes per semester (part-time programmes)	
0	0	
Available for preferential study schedule		
No		

2. Main features

Course objectives
The aim of the course is to deepen the experience of specialization, speciality, and decisions made and to reflect on the learning process. After understanding and exploring a real organizational problem in the subject, students develop a solution proposal in groups of 2-3 people. In the process, they work closely with the “owner” of the problem, the organization and its members (during fieldwork). The exploration uses qualitative and quantitative research methodologies selected according to the nature of the problem, as well as different decision-making (analysis and planning) and decision-making methodologies in the search for a solution, reflecting participation in decision support. In developing this course, we used AI tools like Grammarly to refine the language.
Brief description of the course
The problem-solving process is assisted by one mentor per group, with weekly consultations. Accordingly, the subject is based on seminar work, fieldwork and regular consultations.
Relationship with other courses of the programme
The course synthesizes knowledge of decision-making and research methodologies. Students learn the course simultaneously with thesis writing, and the two learning processes go hand in hand.

3. Learning outcomes

Skill	Knowledge	Attitude	Autonomy and Responsibility
Identifies social, economic and psychological factors influencing individual and group consumer behaviour and decision and is able to plan and carry out its examination using methodological and statistical knowledge.	Knows the quantitative, qualitative and mixed methodological tools that can be used to examine human economic and organizational behaviours and decisions, the methods of (computer) data collection and data	<ul style="list-style-type: none"> • behave according to a proactive, problem- and result-oriented attitude and a critical attitude in his/her work • able to emphasize the essence and form and represent an independent position • strives to carry out the 	<ul style="list-style-type: none"> • strives for empirically based decisions and proposals, acts ethically, observing the norms of the scientific community in research, planning and analytical activities, • takes personal responsibility for the work

	analysis that serve as the basis of behavioural science and decision theory research, the theory and practice of statistical sampling, data visualization professional, ethical rules for research and data processing and management.	processes related to his / her work (survey, analysis, evaluation, intervention) while recognizing the limitations open and committed to professional collaborations, able to collaborate with representatives of other professions • capable of professional and scientific communication at a high level to different target audiences (scientific, economic-business and social actors) • open to multi-stakeholder negotiation processes. • Ready to share and represent your own, professionally grounded opinion. • Seeks awareness and the exercise of self-reflection in the process of decision analysis, planning, and support. • Open to getting to know the opinions of others, to incorporate them into your own reasoning. • Inclusive feedback on alternative approaches and work.	of one's own group and the group entrusted with its management, which is able to perform managerial support and leadership tasks during collaborations, group work
Manages / supports consumer, corporate and institutional, social bargaining, decision-making processes, reflection and critical thinking on the ethical and sustainability aspects of decision outcomes, taking into account the factors influencing decisions and the different perspectives of stakeholders.	Knows the concept of reflection, can apply it in a decision-making process.		
Identifies key elements in the analysis of corporate / institutional / consumer decisions, uses them to make suggestions for planning decisions.	Is aware of the key elements of the analysis of corporate/institutional / consumer decisions, the possible limitations of the decision, their identification and the ways of their use in decision planning.		
Identifies and compares the possible social and ecological consequences and effects of your corporate / institutional / consumer decisions.	Knows and understands the factors influencing consumer, corporate and institutional decisions (risk, cost/benefit, context, complexity) and how to evaluate them.		
Able to support effective communication between decision makers, experts and other stakeholders in the context of decision making.	Knows effective communication techniques and tools in consultation with decision makers and experts		
Able to reflect, persuade and argue professionally in processes.	Is aware of the ways of representing and arguing, their impact and understands the essence of the culture of debate, even in multi-stakeholder situations.		
Able to effectively communicate and critically evaluate the results of decision making	Is aware of the key elements of the analysis of corporate/institutional / consumer decisions, the possible limitations of the decision, their identification and the ways of their use in decision planning.		

4. Mandatory readings

Required literature	URL
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Available on the Moodle platform.