

**Subject card**

<b>Subject name and code</b>	Decision-making methods, PG_00123471						
<b>Field of study</b>	Economics						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Specialty subject group		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	3	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Department of Economics and Management of Transportation Companies -> Faculty of Economics -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Joanna Fryca				
	<b>Teachers</b>		dr Joanna Fryca				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		0.0		0.0	15
<b>Subject objectives</b>	The purpose of the course is to prepare students to analyze the principles of decision-making in enterprises and interpret their results using system methodology.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONMU2_K02] is aware of the level of their knowledge in the area of solving complex problems in economic.; understands the need to extend and update this knowledge throughout his/her life	The student is aware of the level of his knowledge in the field of economics, understands the need to deepen and update this knowledge throughout life	[SK4] test/exam - oral or written
	[EKONMU2_W05] has an extended knowledge of the human being as a manufacturer and consumer and extended knowledge of the human being as a creator of culture and social structures	The student has an expanded knowledge of the human being as an individual and collective decision-maker, and has an expanded knowledge of the rationale for his behavior	[SW4] test/exam - oral or written
	[EKONMU2_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; can assess risks and threats and find ways of counteracting their effects	The student is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions, takes on the challenges of creative thinking, acquires resilience in the face of failure is able to assess risks and threats and find ways to counteract their effects	[SK4] test/exam - oral or written
	[EKONMU2_U02] can use acquired knowledge to describe and analyse the causes and course of economic and social processes and phenomena, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences	Students will be able to use their knowledge to describe and analyze the causes and course of economic and social processes and phenomena occurring in the decision-making systems of enterprises, as well as to formulate their own opinions and critically select data and methods of analysis on the basis of the achievements of economic and social sciences.	[SU4] test/exam - oral or written
	[EKONMU2_U08] can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	Students are able to independently analyze, interpret, as well as draw conclusions on the relationship between optimal managerial decisions and the behavior of business entities in which they are made using system methodology and understanding the principles of decision-making with a diagnostic background	[SU4] test/exam - oral or written
	[EKONMU2_W03] has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	The student has in-depth knowledge of the relations between phenomena, entities and economic organizations and public institutions operating in the national, international and intercultural spheres	[SW4] test/exam - oral or written
	[EKONMU2_U06] can practically apply various forms and range of acquired knowledge in economics, finance and management, supplementing it with an independent critical analysis of its efficiency and usefulness	The student has the ability to use in practice the various forms and scope of the acquired knowledge of economics, finance and management, supplementing it with an independent critical analysis of the effectiveness and usefulness of the	[SU4] test/exam - oral or written
	[EKONMU2_W07] has an in-depth knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	The student has an in-depth knowledge of the economic and financial principles of operation and management of economic entities, in particular, has an in-depth knowledge of the regulators of the decision-making system in the enterprise and the sources of regulation in this area	[SW4] test/exam - oral or written

Subject contents	<ol style="list-style-type: none"> <li>1. Decision-making theory in the methodology of sciences</li> <li>2. Characteristics of schools in decision-making theory</li> <li>3. Systems of decision-making in enterprises</li> <li>4. System analysis of the course of decision-making processes in enterprises</li> <li>5. Determinants of decision-making based on diagnostic systems</li> <li>6. Diagnostic determinants of the functioning of decision-making systems</li> <li>7. Determinants of decision-making based on regulatory systems</li> <li>8. Regulatory determinants of decision-making systems functioning</li> <li>9. Determinants of decision-making based on sociological and psychological factors</li> </ol>		
Prerequisites and co-requisites	<p>Economic diagnosis Operation of enterprises Economic and financial analytics Operational and work process analytics Market and marketing analytics</p>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	oral exam	51.0%	100.0%
Recommended reading	Basic literature	<ol style="list-style-type: none"> <li>1. Bolesta-Kukulka K., <i>Decyzje menedżerskie</i>, PWE, Warszawa 2003.</li> <li>2. Simon H.A., <i>Podjęcie decyzji i zarządzanie ludźmi w biznesie i administracji</i>, Wyd. HELION, Gliwice 2007.</li> <li>3. Szałucki K., <i>Kształtowanie równowagi przedsiębiorstw transportowych</i>, Texter, Warszawa 2016.</li> </ol>	
	Supplementary literature	<ol style="list-style-type: none"> <li>1. Fryca-Knop J., <i>Pro-Innovative Systems of Decision-Making in TSL Enterprises: Behavioural Condition</i>, [in:] <i>Transport Development Challenges in the Twenty-First Century. Proceedings of the 2015 TranSopot Conference</i>, ed. M. Bąk, Springer International Publishing, Switzerland 2016, s. 181-191.</li> <li>2. Fryca J., <i>Elastyczność behawioralna a zdolności analityczne decydenta w procesach podejmowania decyzji marketingowych</i>, [w:] <i>Czynnik ludzki w marketingu</i>, red. A. Radzewicz i J. Michalak, Uniwersytet Warmińsko-Mazurski w Olsztynie, Olsztyn 2008, s. 132-140.</li> <li>3. Fryca J., <i>Behawioralne aspekty podejmowania decyzji marketingowych w przedsiębiorstwie</i>, [w:] <i>Marketing w gospodarce opartej na wiedzy</i>, red. S. Figiel, Uniwersytet Warmińsko-Mazurski w Olsztynie, Olsztyn 2007, s. 372-386</li> <li>4. Hartenberger-Liszek J., <i>Problemy poznawcze diagnozowania ekonomicznego przedsiębiorstw</i>, Wydawnictwo UG, Gdańsk 2014.</li> <li>5. Penc J., <i>Decyzje menedżerskie - o sztuce zarządzania</i>, Wydawnictwo C.H.Beck, Warszawa 2001.</li> </ol>	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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