University of Gdańsk

Subject card

Subject name and code	Economics and Finance in Investments and Real Estate, PG_00178753		
Field of study	Management		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2025/2026
Education level	Master’s studies	Subject group	Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study
Mode of study	part-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	6.0
Learning profile	academic	Assessment form	exam
Conducting unit	Department of Investment and Real Estate -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Dariusz Trojanowski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	24.0	0.0	8.0	0.0	0.0	32
E-learning hours included: 0.0						

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	32	2.0	116.0	150

Subject objectives	The aim of the course is to familiarize students with the basics of economics and finance necessary to perform selected professions related to real estate management.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZMU2_W06] The student possesses a thorough understanding of the principles of rational decision-making related to individual resources, functional areas within the organization, processes, and management levels. This understanding is based on a well-structured and theory-supported foundation in management, quality sciences, economics, and finance.	The student characterizes the basic economic categories (market, demand, supply, price, value, income, cost) and explains market mechanisms, taking into account the impact on the real estate economy.	[SW4] test/exam - oral or written
	[ZARZMU2_W05] The student possesses a thorough understanding of advanced methods and techniques for acquiring, developing, and utilizing data in complex decision-making and management processes.	The student identifies accounting principles, statistical analysis and financing methods used in real estate investment management.	[SW4] test/exam - oral or written
	[ZARZMU2_U04] The student can effectively select, use, adapt, or create methods and tools from management, quality sciences, economics, and finance for decision-making.	The student selects and applies appropriate methods to analyze prices on the real estate market.	[SU4] test/exam - oral or written [SU5] implementation of a problem task
	[ZARZMU2_W07] The student possess a comprehensive understanding of legal regulations and ethical norms, including those related to intellectual property protection, which are essential for business decision-making.	The student indicates the appropriate legal, organizational and ethical regulations and standards, in particular those necessary to perform the profession of a property valuer.	[SW4] test/exam - oral or written
	[ZARZMU2_U03] Students can obtain and verify data from selected sources, present and analyze economic processes and phenomena.	The student verifies and interprets data on the real estate market in order to select the appropriate method of financing investments and real estate.	[SU4] test/exam - oral or written [SU5] implementation of a problem task

Subject contents	1. Basics of Economics 2. Elements of Finance and Banking 3. Basics of Statistics and Econometrics 4. Elements of Accounting 5. Property Valuation
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	problem task	51.0%	30.0%
	test	51.0%	70.0%

Recommended reading	Basic literature	1. Kucharska-Stasiak E., Ekonomiczny wymiar nieruchomości, PWN, Warszawa 2016. 2. Szacowanie nieruchomości, Dydenko J. (red.) 2020, Wolters Kluwer, Warszawa 2020 (nie starsze), Rozdziały: I, II, XIV, XXVII, XXIX, XXX, XXXI, XXXII, XXXIII, XLIV. 3. Trojanowski D., Dylematy wyceny nieruchomości komercyjnych w Polsce, Wydawnictwo UG, Gdańsk 2021. Rozdział II i III. 4. Nawrocka E. Metody badania dynamiki cen nieruchomości w Polsce dla potrzeb wyceny, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020 r., Rozdział I 5. Wojewnik-Filipkowska A., Project finance w inwestycjach infrastrukturalnych, CeDeWu, Warszawa 2020, Rozdział I i II.
	Supplementary literature	1. Bryx M. Rynek nieruchomości: system i funkcjonowanie, Poltext, Warszawa 2008. 2. Czerkas K., Finansowanie nieruchomości komercyjnych w Polsce, czynniki ryzyka i modele transakcji, IHR, 2010
	eResources addresses	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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