University of Gdańsk

Subject card

Subject name and code	Proseminar, PG_00178066						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Dorota Buchnowska, prof. UG				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		1.0		9.0	25
Subject objectives	The purpose of the course is to prepare students to write a thesis and conduct related research, as well as to analyze and present the results of this research.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEL3_W01] Knows and understands to an advanced degree the nature and evolution of theories in management, quality sciences, economics, and finance, along with their place in the social sciences system —especially in applying informatics or statistics tools	The student knows and describes the basic components of a scientific article and provides correct examples of their use.	[SW3] text preparation/written work
[IiEL3_U10] Can convey information clearly and effectively, presenting their opinions using econometrics, informatics, and statistics terminology across various media	The student is able to clearly and logically present observed research problems in a selected area, indicate and justify appropriate methods and tools to solve them, and argue for the relevance of proposed solutions. The student is able to develop a thesis plan (research or project-based) appropriate to the defined objective of the work.	[SU3] text preparation/written work
[IiEL3_U01] Can analyze and interpret social and economic processes and phenomena using knowledge and econometrics, informatics or statistics tools from management and quality sciences, economics and finance	The student is able to identify research problems and to select and apply appropriate techniques, methods, and tools for specific research or project objectives.	[SU3] text preparation/written work
[IiEL3_K01] Is prepared to acquire the knowledge necessary to tackle cognitive and practical problems, particularly in econometrics, informatics and statistics. Additionally, the students are ready to assess their current knowledge and the information they receive critically and consult with experts if they have difficulties solving the problem independently	The student is prepared to acquire knowledge independently in order to solve selected research problems and achieve defined project goals. The student is prepared to critically evaluate their own knowledge and to search for reliable and relevant sources of information appropriate to the problem.	[SK3] text preparation/written work

Subject contents

1. Requirements for diploma theses at the Faculty of Management
2. Rules for evaluation of diploma theses
3. Structure of the diploma thesis
4. Methods and research tools
5. Stages of the research procedure
6. Collection and analysis of scientific literature - use of databases
7. Rules for using and citing scientific publications and other sources
8. Guidelines for the Use of Artificial Intelligence (AI) in Writing a Diploma Thesis

Prerequisites and co-requisites

Knowledge of basic methods and tools in the field of computer science and econometrics.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
analysis of the structure of a scientific article and its critical evaluation according to specified guidelines.	51.0%	20.0%
bachelor's thesis proposal	51.0%	80.0%

Recommended reading

Basic literature	W. Czakon (red), Podstawy metodologii badań w naukach o zarządzaniu. Wyd. Nieoczywiste, Warszawa, 2016 D. Jemielniak (red.) (2012). Badania jakościowe. Metody i narzędzia. Warszawa: Wydawnictwo Naukowe PWN. K. Siewicz, Otwarty dostęp do publikacji naukowych kwestie prawne, Wydawnictwa Uniwersytetu Warszawskiego, Warszawa 2012
Supplementary literature	Materials posted on PE
eResources addresses	

Example issues/ example questions/ tasks being completed

1. Prepare a bachelor's thesis proposal that includes: an introduction to the research topic/research problem, the thesis objective, justification for the topic selection, the scope of the thesis, research methods, IT tools, and at least five literature references.
2. Conduct an analysis of a selected scientific article related to the thesis topic, following the provided template.

Work placement

Not applicable

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