University of Gdańsk

Subject card

Subject name and code	Master Seminar 2, PG_00177508		
Field of study	Informatics and Econometrics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
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	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	3	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Statistics -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Ewa Wycinka	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	30.0	30

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	30	4.0	16.0	50

Subject objectives

Acquiring the ability to identify key scientific sources related to the thesis topic.

Developing the ability to critically analyze literature and integrate information from various sources.

Preparing the theoretical part of the thesis as a foundation for the conducted empirical research.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEMU2_W05] Possesses advanced knowledge and understanding of informatics, statistics, and econometrics techniques and tools used to acquire, process, or visualise data to aid in decision-making and verify research hypotheses	The student knows selected tools and analytical methods for the empirical part of the thesis and knows examples of the application of these methods.	[SW3] text preparation/written work
[IiEMU2_K01] Is ready to acquire and deepen the knowledge needed to solve cognitive and practical problems, in particular in the field of econometrics, informatics or statistics, as well as to evaluate the knowledge and the received content critically and to consult experts in the event of difficulties with solving the problem on their own	The student is prepared to verify sources, assess their credibility and usefulness – also using bibliometric tools and databases.	[SK3] text preparation/written work
[IiEMU2_U02] Can use conventional or innovative statistics, econometrics or informatics tools to analyze economic and social phenomena	The student is able to select research tools and techniques, including statistical programs and packages, to analyze research problems.	[SU3] text preparation/written work
[IiEMU2_U10] Is able to convey information transparently and effectively, adapting their communication to meet the needs of different audiences. They can clearly present their opinions and engage in debates using terminology from the fields of econometrics, informatics, or statistics, utilizing various media	The student is able to clearly present the results of their work and participate in scientific discussion, using specialized terminology and adapting the mode of communication to the audience.	[SU3] text preparation/written work
[IiEMU2_U13] Can formulate and verify hypotheses about simple research problems using advanced, structured knowledge and appropriately selected research methods in econometrics, informatics, or statistics	The student is able to conduct a critical analysis and synthesis of knowledge from various studies and formulate their own interpretation.	[SU3] text preparation/written work
[IiEMU2_U07] Can prepare detailed written papers, presentations, and oral speeches on econometrics, informatics, or statistics issues	The student is able to prepare the theoretical chapters of the thesis as a logical introduction to the empirical part.	[SU3] text preparation/written work
[IiEMU2_U03] Is able to obtain and verify data from properly selected sources and to collect, process, and visualize it using modern econometrics, informatics or statistics tools	The student is able to search for literature and use scientific databases, applying criteria for selecting literature: currency, reliability of the source, and relevance to the research problem	[SU3] text preparation/written work

Subject contents

Continuation of the seminar, which covers the application of data analysis methods to economic and social issues.

1. Critical analysis of the subject literature.
2. Comparative analysis of approaches, research results, and tools used in the literature.
3. Synthesizing knowledge from various studies and formulating one's own interpretation.
4. Preparation of the theoretical part of the thesis as a logical introduction to the empirical part.

Prerequisites and co-requisites

Formulated thesis topic, objective, and work plan. Literature review conducted.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Preparation of the theoretical part of the thesis.	51.0%	100.0%

Recommended reading

Basic literature	Literature used by the student to write the thesis, verified by the thesis supervisor.

	Supplementary literature	1. Kaszyńska A., Jak napisać, przepisać i z sukcesem obronić pracę dyplomową?, Wyd. Złote Myśli, 2008 2. Lelusz H., Kowalewski M., Lasmanowicz R., Metodyka pisania prac dyplomowych o tematyce ekonomicznej, Wydaw. Uniwersytetu Warmińsko Mazurskiego, Olsztyn 2000 3. Ładoński W., Urban S., Proces tworzenia prac dyplomowych i magisterskich na studiach ekonomicznych. Poradnik, PWN, Warszawa 1989 4. Opoka E., Uwagi o pisaniu i redagowaniu prac dyplomowych, Politechnika Śląska, Gliwice 2001 5. Pawlik K., Zenderowski R., Dyplom z Internetu. Jak korzystać z Internetu pisząc prace dyplomowe?, CeDeWu, Warszawa 2010/2011 6. Roszczypała J., Metodyka przygotowania prac licencjackich i magisterskich, Wyższa Szkoła Ekonomiczna, Warszawa 2003 7. Wójcik K., Piszę akademicką pracę promocyjną licencjacką, magisterską, doktorską, Wydawnictwo Placet, Warszawa 2005 8. Zenderowski R., Praca magisterska, licencjat. Krótki przewodnik po metodologii pisania pracy dyplomowej, CeDeWu, Warszawa 2009
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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