

Subject card

Subject name and code	Master Seminar 3, PG_00177514						
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	4	ECTS credits			5.0		
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	35.0	35
	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	35		4.0		86.0	125
Subject objectives	Conducting empirical research in accordance with the previously approved plan. Processing research results using appropriate analytical tools. Editing the final chapters of the masters thesis (analytical part, conclusions, abstract). Final preparation of the thesis for submission and defense						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEMU2_U07] Students can prepare detailed written papers, presentations, and oral speeches on econometrics, informatics, or statistics issues.	The student interprets the results of the conducted empirical research and relates them to the subject literature. They formulate conclusions and, where applicable, practical recommendations.	[SU3] text preparation/written work
	[liEMU2_K01] The student 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 integrates theoretical and empirical knowledge to develop a coherent and logically structured thesis.	[SK3] text preparation/written work
	[liEMU2_W05] The student 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 has knowledge of collecting primary data (surveys, interviews) or acquiring secondary data (databases, reports). They conduct empirical research in accordance with the previously approved plan	[SW3] text preparation/written work
	[liEMU2_U13] The student 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 synthesizes knowledge from various studies and conducted empirical research, formulating their own interpretations and conclusions.	[SU3] text preparation/written work
	[liEMU2_U04] Students can choose, develop, and analyze traditional or innovative models of complex economic and social phenomena to make informed decisions.	The student applies advanced analytical methods to model the studied phenomena and to identify patterns	[SU3] text preparation/written work
[liEMU2_U10] The student 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 describes the results of the conducted empirical research and edits the final chapters of the master's thesis (analytical section, conclusions, abstract)	[SU3] text preparation/written work	
Subject contents	<p>The final semester of the thesis seminar focuses on the application of data analysis methods to economic and social issues.</p> <p>Development of the empirical part of the thesis includes:</p> <ul style="list-style-type: none"> Collecting primary data (e.g., surveys, interviews) or acquiring secondary data (e.g., databases, reports) Preparing data for analysis Performing data analysis (statistical, econometric, or qualitative, depending on the thesis topic) Interpreting results and linking them to the subject literature Formulating conclusions and, where appropriate, practical recommendations Editing the complete thesis in accordance with editorial and academic standards 		
Prerequisites and co-requisites	The thesis topic and objective have been defined. The theoretical part of the thesis has been prepared.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Finished master thesis	51.0%	100.0%
Recommended reading	Basic literature	The literature used by the student to write the thesis, verified by the thesis supervisor.	

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

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