

Subject card

Subject name and code	Master Seminar 3, PG_00156676						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2024		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		
Mode of study	part-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		8.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Jerzy Auksztol, prof. UG				
	Teachers		dr hab. Jerzy Auksztol, prof. UG				
			dr hab. inż. Bartłomiej Gawin				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	18.0	18
	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	18		30.0		160.0	208
Subject objectives	Preparation of the final version of the thesis in accordance with the regulations applicable at the Faculty of Management of the University of Gdańsk.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEMU2_K01] The student understands the need for continuous completion and deepening of acquired knowledge. The student inspires and organizes others' learning processes.	The student is ready, together with other seminar participants, to analyze the literature on the subject, criticize the acquired knowledge and use it to improve the research process, and determine further directions of development.	[SK3] text preparation/written work
	[liEMU2_U09] The student has an in-depth ability to prepare written works, oral speeches and multimedia presentations on the functioning and growth of the national economy and its components, the course of complex economic phenomena and processes, the acquisition of data about them, their collection, processing and analysis with the help of modern mathematical, statistical, econometric and IT tools, as well as their use in modeling, forecasting and optimization.	The student is able to prepare and present in written form (i.g. master's thesis) his/her own research process which is using scientific methods, being aware of their benefits and limitations.	[SU3] text preparation/written work
	[liEMU2_K06] The student knows the need for ethical, sustainable and socially responsible behavior in professional and social life. Initiates and organises activities for the social environment and public interest.	The student is ready to acquire knowledge while maintaining the rights of creators of works and owners of industrial property, e.g. scientific works, trademarks or patents. The student is ready to take up a discourse related to the environment, sustainable development and for the public interest.	[SK3] text preparation/written work
	[liEMU2_W04] The student has an in-depth knowledge of advanced mathematical, statistical, econometric and IT methods that enable the acquisition, processing and analysis of data reflecting the functioning and growth of the national economy and its components, as well as the phenomena and processes occurring in their environment.	The student knows and understands the subject scope of the subdiscipline of economic informatics. The student knows and understands the methods of empirical research describing or explaining socio-economic phenomena along with their limitations, where information technology plays an important role.	[SW3] text preparation/written work
	[liEMU2_U01] The student can comprehensibly, orally and in writing, present and justify in depth advanced economic theories and apply them to explain the functioning of the national economy and its components. Understands and can explain the content of communications from economic institutions, articles in the economic press and scientific journals.	The student is able to prepare and present in written (i.e. master's thesis), and verbal (i.e. exam) form the research problem and goal, hypothesis, method of achieving the objective, and conclusions of the conducted investigations.	[SU3] text preparation/written work
	[liEMU2_K02] The student can communicate freely with the public on specialised topics in the field of computer science and econometrics in and outside the workplace, communicate his knowledge and share his skills through various media. Culturally participates in discussions, is not afraid to ask questions and knows how to give constructive criticism.	The student is ready to participate in a creative way in a research discussion about his/her own work and that of other people participating in the seminar group. The student is ready to share his/her own achievements with the participants of the seminar group.	[SK3] text preparation/written work

Subject contents	Continuation of work in accordance with the previously approved plan: 1. Developing the final chapters of the Master's thesis. 2. Formulating conclusions and possible practical recommendations. 3. Editing the entire thesis in compliance with editorial and formal guidelines.		
Prerequisites and co-requisites	1. Completed the first semester of second-cycle studies. 2. Have knowledge of methods and ways of building IT systems and statistical methods enabling data acquisition, processing and analysis. 3. Have knowledge of selected text composition tools, such as Microsoft Word, LibreOffice, LaTeX. 4. Have the ability to freely formulate thoughts in a descriptive form.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Master's thesis	60.0%	100.0%
Recommended reading	Basic literature	Dyhdalewicz, A. (2022). Ramy koncepcyjne prac magisterskich. Wybrane problemy metodyczne. Akademia Zarządzania, 6(1), 183-205. Przechlewski, T. (2011). Praca magisterska i dyplomowa z programem LaTeX: jak szybko tworzyć profesjonalnie wyglądające dokumenty. Wolters Kluwer Polska, Warszawa. Pułło A. (2000). Prace magisterskie i licencjackie, Wydawnictwa Prawnicze PWN, Warszawa. Węglińska, M. (2013). Jak pisać pracę magisterską? Poradnik dla studentów. Wydawnictwo Impuls, Kraków. Wrycza, S. i Maślankowski, J. (eds.) (2019). Informatyka ekonomiczna: teoria i zastosowania. Wydawnictwo Naukowe PWN. Warszawa.	
	Supplementary literature	Literature items from the area of business informatics, information technology, computer science and management corresponding to the topic of the master's thesis.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	• Zasady redakcyjne prac naukowych. • Prorokół i etykieta egzaminu magisterskiego. • Podstawowe zasady wystąpień publicznych. • Komunikacja i dzielenie się wiedzą w procesie rozwoju naukowego.		
Work placement	Not applicable		

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