

Subject card

Subject name and code	Diploma Seminar 2, PG_00178079						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2025		Academic year of realisation of subject			2027/2028	
Education level	Bachelor'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	3		Language of instruction			Polish	
Semester of study	6		ECTS credits			5.0	
Learning profile	academic		Assessment form			credit	
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Sławomir Radomski				
	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	The objective of the second semester of the seminar is to prepare the second theoretical chapter and the empirical chapter, as well as to compile the entire thesis in accordance with the guidelines for thesis writing specified by the Dean of the Faculty of Management.						
	A complementary objective is to prepare the student for a successful defense of their thesis before the examination board.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEL3_U07] The student can prepare written papers, presentations, and oral speeches on problems in econometrics, informatics, or statistics.	The student is able to prepare written works, presentations and oral speeches in the field of economic informatics in accordance with the adopted principles.	[SU3] text preparation/written work
	[liEL3_W05] To an advanced degree, the student knows and understands the methods, techniques and informatics or statistics tools used to acquire, collect, process and present data in decision-making processes.	The student has an advanced knowledge and understanding of the IT or statistical methods, techniques and tools used to acquire, collect, process and present data in decision-making processes within the scope of the diploma thesis being prepared.	[SW3] text preparation/written work
	[liEL3_U03] Students can obtain data from appropriately selected sources, use these data to solve economic and social problems, and process and interpret them using econometrics, informatics or statistics tools.	The student is able to obtain data from appropriately selected sources, use this data to solve economic and social problems, and process and interpret it using appropriate tools.	[SU3] text preparation/written work
	[liEL3_K02] The student is ready to perform professional roles responsibly, observe professional ethics and require this of others, and care for the achievements and traditions of the professions related to econometrics, informatics or statistics.	The student is ready to perform professional roles responsibly, to observe the principles of professional ethics and to require the same from others, as well as to care for the achievements and traditions of professions related to econometrics and computer science.	[SK3] text preparation/written work
	[liEL3_K01] The student 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 demonstrates a readiness to independently expand their knowledge in order to develop a solution to a research problem within their diploma thesis in the field of business informatics.	[SK3] text preparation/written work
	[liEL3_U04] Students can build and interpret models of economic and social phenomena and processes for decision-making processes.	The student is able to build and interpret models of economic and social phenomena and processes for the purposes of decision-making processes in management.	[SU3] text preparation/written work
	[liEL3_U02] Students can select or construct econometrics, informatics or statistics tools and apply them to describe and solve economic and social problems.	The student is able to propose a solution to a specific research problem within the scope of their diploma thesis.	[SU3] text preparation/written work
	[liEL3_U10] The student can convey information clearly and effectively, presenting their opinions using econometrics, informatics, and statistics terminology across various media.	The student is able to prepare a written paper using theoretical framework and presenting the results of an independently conducted empirical study.	[SU3] text preparation/written work

Subject contents

1. Developing the entirety of the theoretical part of the thesis.
2. Developing the entirety of the empirical part of the thesis.
3. Writing the introduction and conclusion, and preparing correct lists/indices (e.g., table of contents, lists of figures and tables).
4. Editing and proofreading the entire thesis.

Research Areas:

- Design and development of applications (web, mobile);
- Websites – design, development, personalization;
- Application of AI solutions in enterprise management (in various areas);
- Implementation projects and applications of management support systems – CRM, ERP;
- Business data analysis using BI (Business Intelligence) and BA (Business Analytics) solutions.

dr. D. Buchnowska

- Application design and development
- Testing
- Information systems in production and management
- Business Intelligence and data warehouse engineering
- Neural networks in economics and management

dr Dariusz Kralewski

- Portfolio, program, and project management;
- Agile project management methodologies;
- Project Management Office (PMO);
- eCommerce and digital business;
- IT system efficiency (TCO analysis, ROI index);
- Cloud Computing;
- Green Computing;
- Student proposals (topics arising from professional practice, aligned with the research trend of the Faculty and Department).

dr Natalia Michalek

- Design and development of server-side information systems
- Design and development of client-side information systems

	• Software acceptance and adoption research • Information systems in the economy • Utilizing artificial intelligence models in applications dr Sławomir Radomski • IT project management • IT project management methodologies • Project maturity of organizations • IT project team • Innovation / creative methods in IT projects dr Monika Woźniak						
Prerequisites and co-requisites	Knowledge of issues related to writing theses, management and quality sciences, and computer science. Basic skills in editing theses.						
Assessment methods and criteria	<table><tr><td>Subject passing criteria</td><td>Passing threshold</td><td>Percentage of the final grade</td></tr><tr><td>The entire thesis approved by the supervisor</td><td>51.0%</td><td>100.0%</td></tr></table>	Subject passing criteria	Passing threshold	Percentage of the final grade	The entire thesis approved by the supervisor	51.0%	100.0%
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The entire thesis approved by the supervisor	51.0%	100.0%					
Recommended reading	Basic literature	Literature used by the student to write a diploma thesis, verified by the person conducting the diploma seminar W. Czakon (red) (2016). Podstawy metodologii badań w naukach o zarządzaniu. Wyd. Nieoczywiste, Warszawa. Pułto A. (2000). Prace magisterskie i licencjackie, Wydawnictwa Prawnicze PWN, Warszawa.					
	Supplementary literature	Wrycza, S. i Maślankowski, J. (eds.) (2019). Informatyka ekonomiczna: teoria i zastosowania. Wydawnictwo Naukowe PWN. Warszawa.					
	eResources addresses						
Example issues/ example questions/ tasks being completed							
Work placement	Not applicable						

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