

Subject card

Subject name and code	Diploma Seminar 2, PG_00178079						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2028/2029		
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	<p>The aim of the bachelor's seminar consisting of two semester parts is to prepare participants to: (i) plan a scientific study on the subdiscipline of economic informatics, (ii) conduct it and prepare a bachelor's thesis on this basis summarizing the entire process and the obtained results of the study.</p> <p>The complementary aim is to prepare the student to effectively defend the work they have prepared before the examination committee.</p> <p>The second semester is to prepare the second theoretical chapter and the empirical chapter in accordance with the principles of writing papers according to the standard specified by the Dean of the Faculty</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEL3_U10] The student can convey information clearly and effectively, presenting their opinions using econometrics, informatics, and statistics terminology across various media.	The student prepares a written paper using theoretical elements and presenting the results of an independently conducted empirical study.	[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 proposes a solution to a specific research problem within the scope of the prepared diploma thesis.	[SU3] text preparation/written work
	[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_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_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 independently proposes a solution to a specific research problem within the scope of the prepared diploma thesis in the field of economic informatics.	[SK3] text preparation/written work

Subject contents	<p>Dr. Dorota Buchnowska:</p> <p>Design and creation of applications (web, mobile); Internet services - design, creation, 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 and BA solutions.</p> <p>Dr. Dariusz Kralewski Application design and production Testing IT systems in production and management Business Intelligence and data warehouse engineering Neural networks in economics and management</p> <p>Dr. Natalia Michalek Portfolio, program, project management; Agile project management methodologies; Project management office (PMO); eCommerce and digital business; IT system efficiency (TCO analysis, ROI indicator); Cloud Computing; Green Computing; Student proposals (topics resulting from professional practice, in the research stream of the Faculty and Department).</p> <p>Dr. Sławomir Radomski Design and creation of server-side IT systems Design and creation of client-side IT systems Software acceptance and adoption studies IT systems in the economy Using artificial intelligence models in applications</p> <p>Dr. Monika Woźniak IT project management IT project management methodologies Organizational project maturity IT project team Innovation / creative methods in IT projects</p>								
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 border="1"> <thead> <tr> <th data-bbox="456 1088 794 1120">Subject passing criteria</th> <th data-bbox="801 1088 1139 1120">Passing threshold</th> <th data-bbox="1145 1088 1482 1120">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 1128 794 1164">Acceptance of the finished work by the supervisor</td> <td data-bbox="801 1128 1139 1164">51.0%</td> <td data-bbox="1145 1128 1482 1164">100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Acceptance of the finished work by the supervisor	51.0%	100.0%
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Acceptance of the finished work 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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