University of Gdańsk

Subject card

Subject name and code	Master Diploma Lab II, PG_00205949		
Field of study	Informatics		
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 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	6.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Hanna Furmańczyk	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	45.0	0.0	0.0	45
	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	45	0.0	105.0	150

Subject objectives	The purpose of the course is to prepare a master's thesis, especially in its practical part (implementation of algorithms, preparation of applications, etc.).

Learning outcomes

Course outcome	Subject outcome	Method of verification
[INFMU2_U10] is able to determine the directions of further learning and implement the process of self-education, and motivate others in this regard	The student is able to independently plan and pursue further academic and professional development, drawing on the experience gained while working on their master's thesis, and to share their knowledge with others.	[SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
[INFMU2_W07] knows and understand current legislation on the activities of a computer scientist (teaching, scientific and professional activities) and intellectual property; knows and understands the fundamental dilemmas of modern civilization	The student uses sources, on the basis of which he prepares the thesis, in an appropriate manner.	[SW1] oral statement/ conversation/discussion [SW3] text preparation/written work
[INFMU2_K04] is ready to recognize the importance of knowledge in solving cognitive and practical problems and to seek expert advice in the event of difficulties in solving a problem independently	The student is prepared to independently address research or project-related problems associated with the completion of the master's thesis and to draw on the knowledge and experience of the advisor and other experts when dealing with complex issues.	[SK8] observation of student's independent or team work
[INFMU2_U07] is able to work in a team and manage the work of projects that are long-term in nature, is able to manage his/her time and make commitments and meet deadlines, communicate using various techniques including dedicated tools	The student is able to plan and organize the completion of a master's thesis, manage time effectively, complete each stage of the work on time, and use appropriate tools to facilitate communication and the organization of the research or project process.	[SU8] observation of student's independent or team work
[INFMU2_U09] is able to present the results of research in the form of an independently prepared dissertation (paper) containing a description and justification of the purpose of the work, the methodology adopted, the results and their significance in comparison with other similar studies, is able to formulate and test hypotheses related to simple research problems	The student is able to independently prepare a master's thesis that includes a description of the research or project problem, the methodology used, an analysis and interpretation of the results obtained, and their relation to the current state of knowledge.	[SU3] text preparation/written work
[INFMU2_U08] is able to formulate and solve complex and unusual problems and perform tasks innovatively in unpredictable conditions by obtaining information from professional literature, databases, the Internet and other sources, integrate it, assess its credibility, make interpretations, draw conclusions and formulate opinions	The student is able to obtain information from professional literature, databases, the Internet and other sources, on the basis of which will prepare the thesis	[SU3] text preparation/written work

Subject contents

The student prepares a thesis.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
student activity in class	51.0%	5.0%
giving a talk	51.0%	15.0%
preparation of a master's thesis	51.0%	80.0%

Recommended reading

Basic literature	not applicable
Supplementary literature	not applicable
eResources addresses	

Example issues/ example questions/ tasks being completed

not applicable

Work placement

Not applicable

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