University of Gdańsk

Subject card

Subject name and code	Computer system architecture, PG_00143571		
Field of study	Informatics		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	Bachelor'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	3	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Janusz Młodzianowski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	15.0	0.0	0.0	30

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	30	0.0	45.0	75

Subject objectives

Not applicable

Learning outcomes

Course outcome	Subject outcome	Method of verification
[INFL3_W07] is familiar with the most important elements of computer systems architecture and the principles of operating systems with particular emphasis on concurrency, task serialization and memory and process management	Not applicable	[SW4] test/exam - oral or written
[INFL3_U05] is able to obtain information from literature, the Internet and other sources, integrate it, assess its reliability, make interpretations and draw conclusions and form opinions	is able to obtain information from technical literature, processor documentation, circuit specifications and internet sources related to computer architecture, integrate it, assess its credibility in terms of compliance with industry standards, interpret technical parameters and draw conclusions regarding the performance and efficiency of architectural solutions, as well as formulate opinions on the selection of computer system components	[SU4] test/exam - oral or written

Subject contents

Not applicable

Prerequisites and co-requisites

Not applicable

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Not applicable	51.0%	100.0%

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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