

1. Field of study	Computer Science
2. Faculty	Faculty of Science and Technology
3. Academic year of entry	2022/2023 (summer term), 2023/2024 (summer term), 2024/2025 (summer term)
4. Level of qualifications/degree	second-cycle studies
5. Degree profile	general academic
6. Mode of study	full-time

Module: Administration of network services

Module code: W4-IN-S2-20-F-AUS

1. Number of the ECTS credits: 4

2. Learning outcomes of the module			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
M_001	Student has skills for installation and configuration of network services.	K_U01 K_W06	1 1
M_002	Student has knowledge of network services and servers.	K_W03 K_W06	1 1
M_003	Student has ability to implement the concepts in administration of network services.	K_K01 K_U01 K_U02 K_U03 K_U04 K_W03	1 1 1 1 1 1

3. Module description

Description	The module objective is to give students a knowledge, which covers practical and theoretical aspects of network services management. The presented topics are related to servers software, methods of configuration, sharing and monitoring network services as well as principles of ensuring their security and performance.
Prerequisites	

4. Assessment of the learning outcomes of the module			
code	type	description	learning outcomes of the module
W_001	Final test	Two-hour test with closed and open questions.	M_001, M_002
W_002	Reports	Presentation of the reports and discussion of the developed projects.	M_001, M_003

5. Forms of teaching						
code	form of teaching			required hours of student's own work		assessment of the learning outcomes of the module
	type	description (including teaching methods)	number of hours	description	number of hours	
Z_001	lecture	Lectures supported by multimedia presentations and e-learning	15	Self-study of literature and materials presented during lectures	25	W_001
Z_002	laboratory classes	Assignments in the form of design projects with use of server software	30	Solving project assignments and preparing presentations	50	W_002