



Faculty of: Computer Science, Electronics and Telecommunications

Field of study: ICT studies Study level: Second-cycle studies Form and type of study: Full-time studies

Annual: 2019/2020 Lecture language:

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Fieldwork classes	Workshops	Prace kontrolne i przejściowe	Lektorat	ECTS	E
Semester 1														
Academic courses													8	
ITEI-2-105-s	Mathematics in analysis of networks and systems	30	30	0	0	0	0	0	0	0	0	0	4	Yes
ITEI-2-106-s	Simulation methods	0	15	0	30	0	0	0	0	0	0	0	4	No
IT courses													14	
ITEI-2-102-s	Evolution of communication networks	28	0	0	30	0	0	0	0	0	0	0	5	Yes
ITEI-2-103-s	Corporate network security	30	0	30	0	0	0	0	0	0	0	0	5	No
ITEI-2-104-s	Quality of Service in communication networks	15	0	0	30	0	0	0	0	0	0	0	4	No
Management and soft skills													8	
ITEI-2-107-s	Communication and design thinking	0	0	28	0	0	0	0	0	0	0	0	3	No
ITEI-2-108-s	Project management and economics	28	0	14	14	0	0	0	0	0	0	0	5	Yes
Suma ECTS													30	

Semester 2														
Academic courses													4	
ITEI-2-203-s	Mathematics in design of networks and systems	30	24	0	0	0	0	0	0	0	0	0	4	Yes
IT courses													4	
ITEI-2-211-s	Software defined networks	8	0	18	26	0	0	0	0	0	0	0	4	No
Language courses													2	

Study programme - ICT studies - 2019/2020

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ITEI-2-201-s	English B2+ course - compulsory course for students of SECOND-CYCLE STUDIES at the Faculty of Computer Science, Electronics and Telecommunications (field of study: Teleinformatics)	0	0	0	0	0	0	0	0	0	0	30	2	Yes
Management and soft skills													8	
ITEI-2-204-s	IT project methodology	15	0	0	30	0	0	0	0	0	0	0	4	No
ITEI-2-205-s	Innovation and entrepreneurship	30	0	15	0	0	0	0	0	0	0	0	4	No
Elective block: Elective courses - 2nd semester													12	
The rules for selecting groups/modules: Należy wybrać 3 przedmioty														
ITEI-2-202-s	Cloud Environment Architecture	30	0	30	0	0	0	0	0	0	0	0	4	No
ITEI-2-206-s	Data mining	30	0	15	15	0	0	0	0	0	0	0	4	No
ITEI-2-207-s	External routing in IP Networks	30	0	30	0	0	0	0	0	0	0	0	4	No
ITEI-2-208-s	Internet of Things	15	0	0	30	0	0	0	0	0	0	0	4	No
ITEI-2-209-s	Applications for mobile phones	0	0	0	45	0	0	0	0	0	0	0	4	No
ITEI-2-210-s	Cybersecurity	0	0	10	5	30	0	0	0	0	0	0	4	No
Suma ECTS													30	

Semester 3

IT courses													2	
ITEI-2-302-s	Elements of ICT ecosystem	14	0	0	14	0	0	0	0	0	0	0	2	No
Thesis													20	
ITEI-2-301-s	MSc thesis	0	0	0	0	0	0	0	0	0	0	0	20	No
Elective block: Elective courses - 3rd semester													8	
The rules for selecting groups/modules: Należy wybrać 2 przedmioty, z czego co najmniej 1 prowadzony po angielsku.														
ITEI-2-303-s	5G Networks	20	0	0	25	0	0	0	0	0	0	0	4	No
ITEI-2-304-s	Data analysis and visualization for virtual reality	0	0	0	45	0	0	0	0	0	0	0	4	No
ITEI-2-305-s	Machine Learning in Networking	15	0	30	0	0	15	0	0	0	0	0	4	No
ITEI-2-306-s	Inter-AS Networks	10	0	15	15	0	0	0	0	0	0	0	4	No
ITEI-2-308-s	Science Club 2	0	0	0	0	0	0	0	0	0	45	0	4	No
Suma ECTS													30	

Łączna liczba godzin zajęć

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