

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject BSc Seminar		Code 1010821171010820146
Field of study Electronics and Telecommunications	Profile of study (general academic, practical) general academic	Year /Semester 4 / 7
Elective path/specialty Computer Networks and Internet	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 2		No. of credits 15
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 15 100% 15 100%
Responsible for subject / lecturer: prof. dr hab. inż. Maciej Stasiak email: stasiak@et.put.poznan.pl tel. +48 61 665 39 06 Wydział Elektroniki i Telekomunikacji ul. Piotrowo 3A 60-965 Poznań		Responsible for subject / lecturer: prof. dr hab. inż. Maciej Stasiak email: stasiak@et.put.poznan.pl tel. +48 61 665 39 06 Wydział Elektroniki i Telekomunikacji ul. Piotrowo 3A 60-965 Poznań
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Knows and understands the technical meaning of the terms describing telecommunication and computer networks. [K1_W22]
2	Skills	Is capable of studying autonomously. [K_U05] Is able to extract information from Polish or English language literature, databases and other sources. Is able to synthesize gathered information, draw conclusions, and justify opinions. [K1_U01]
3	Social competencies	Is aware of the limitations of his/her current knowledge and skills; is committed to further self-study.
Assumptions and objectives of the course: Preparation of BSC thesis. Familiarizing students with the methods of presentation of the engineering works.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Has a basic, systematic knowledge of structure, operation and standards related to various types of telecommunication and computer networks - [K1_W22]		
2. . Knows about development trends in electronics and telecommunication. - [K1_W24]		
Skills:		
1. . Is able to prepare a well-documented study, in English or in Polish, on problems related to electronics and telecommunication. - [K1_U03]		
2. Is able to prepare an oral presentation on particular issues in electronics and telecommunication (in Polish or in English). - [K1_U04]		
Social competencies:		
1. . Demonstrates responsibility and professionalism in solving technical problems. Is able to participate in collaborative projects. - [K1_K02]		
2. Demonstrates responsibility for designed electronic and telecommunication systems. Is aware of the hazards they pose for individuals and communities if they are improperly designed or produced. - [K1_K03]		
Assessment methods of study outcomes		

Credit on the basis of the prepared, 20-30 minute presentation.		
Course description		
1. Requirements concerning engineering works 2. Ways of presenting the results of design works 3. Rhetoric of presentation of design works 4. Ways of realization of team-works. 5. Analysis and optimization of the technical problem solution		
Basic bibliography:		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Seminars	30	
2. Preparation of BSC thesis	330	
3. Preparation for presentations	15	
Student's workload		
Source of workload	hours	ECTS
Total workload	375	15
Contact hours	60	2
Practical activities	300	13