

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>BSc Seminar</b>		Code <b>1010811171010810146</b>
Field of study <b>Electronics and Telecommunications</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>4 / 7</b>
Elective path/specialty <b>Radio Communications</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: <b>2</b>		No. of credits <b>15</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>university-wide</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>15 100%</b> <b>15 100%</b>
<b>Responsible for subject / lecturer:</b>  dr hab. inż. Paweł Szulakiewicz, prof. nadzw. email: szulak@et.put.poznan.pl tel. 61 6653870 Faculty of Electronics and Telecommunications ul. Piotrowo 3A 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	A total knowledge acquired during the BSc studies which should be confirmed during preparing the BSc thesis (K1_W01 - K1_W24)
2	<b>Skills</b>	All skills acquired during the BSc studies which should be applied, confirmed and widen during preparing the BSc thesis (K1_U01 - K1_U28)
3	<b>Social competencies</b>	All social competences acquired during the BSc studies which should be confirmed during preparing the BSc thesis
<b>Assumptions and objectives of the course:</b> To inform the student about requirements concerning the BSc thesis structure, BSc exam, etc. Monitoring the progress in BSc thesis preparation. Discussion BSc thesis subjects with the students during and after their seminars on thesis problems solving.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b> 1. Student possess consolidated knowledge concerning the electronics and telecommunications subjects - [K1_W01 - K1_W25]		
<b>Skills:</b> 1. Student is able to prepare in Polish or English a documented thesis concerning solving a particular engineering problem in electronics or telecommunications - [K1_U03] 2. Student is able to prepare and present in Polish or English a seminar concerning solving a particular engineering problem in electronics or telecommunications - [K1_U04]		
<b>Social competencies:</b> 1. Student knows constrains of his knowledge and skills, and understands the necessity of further learning. - [K1_K01] 2. Student is able to create professional opinions concerning the up to date engineering problems of electronics and telecommunications - [K1_K04]		
<b>Assessment methods of study outcomes</b>		
Discussion during and after a student seminars concerning engineering problems in his thesis. Examination the correctness of devices or programs prepared by the student.		

<b>Course description</b>		
Information concerning the structure of BSc thesis, BSc exam, deadlines, etc. Discussion concerning the substance and essential facts presented in the BSc thesis.		
<b>Basic bibliography:</b> 1. Recommendations concerning the thesis structure available in internet. 2. literature concerning the thesis subject		
<b>Additional bibliography:</b> 1. Examples of very good BSc thesis		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Seminars	30	
2. Solving the engineering problem defined by the thesis supervisor	250	
3. Writing the thesis	100	
4. Seminar preparation	20	
5. Other discussions concerning the thesis	20	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	375	15
Contact hours	60	3
Practical activities	300	10