

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma seminar		Code 1010332531010330081
Field of study Information Engineering	Profile of study (general academic, practical) (brak)	Year /Semester 2 / 3
Elective path/specialty Security of Information Technology (IT)	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 30		No. of credits 12
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences		ECTS distribution (number and %) 12 100%
Responsible for subject / lecturer: dr Jerzy Bartoszek email: jerzy.bartoszek@put.poznan.pl tel. +48 61 665 3713 Wydział Elektryczny ul. Piotrowo 3A 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Eng. ver. - Ma wiedzę w zakresie zaawansowanych technik i metod programowania.
2	Skills	Eng. ver. - Ma podstawową wiedzę dotyczącą wybranych systemów informatycznych charakteryzujących się specyficznymi cechami lub przeznaczeniem.
3	Social competencies	Eng. ver. - Ma kompetencje odpowiadające studiom pierwszego stopnia.
Assumptions and objectives of the course: Celem seminarium jest monograficzne pogłębienie wiedzy w zakresie związanym z pracami dyplomowymi magisterskimi.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student has knowledge of the trends and the most important new developments in the field of computer science. - [K_W14]		
Skills:		
1. Student can - in formulating and solving computer problems - to integrate knowledge from different fields and disciplines. - [K_U07]		
2. Student is able to evaluate the usefulness of the tools and information technology in achieving a specific task. - [K_U11]		
3. Student is able to propose and justify improvements to existing solutions. - [K_U12]		
Social competencies:		
1. Student is able to think and act in a way that is creative and enterprising. - [K_K01]		
Assessment methods of study outcomes		
Assessment of the presentations.		
Course description		
During the seminar professor controls the process of preparing M.Sc. theses. The students present solutions to the problems concerned with preparation of the M.Sc. theses.		

Basic bibliography: 1. Depending on the M.Sc. thesis.		
Additional bibliography: 1. Depending on the M.Sc. thesis.		
Result of average student's workload		
Activity	Time (working hours)	
1. Participation in the seminar	30	
2. Preparation to the seminar	30	
3. Preparation of the M.Sc. Thesis	210	
4. Participation in the consultations	30	
Student's workload		
Source of workload	hours	ECTS
Total workload	300	12
Contact hours	75	3
Practical activities	150	6