Name of the module/subject Code	STUDY MODULE DESCRIPTION FORM				
Pre-diploma Seminar 101051232101	0510863				
Field of study Profile of study Year /Semester (general academic, practical)					
Computing (brak)	1/2				
Elective path/specialty Subject offered in: Course (computer constraints)					
Software Engineering English oblig Cycle of study: Form of study (full-time,part-time) Form of study (full-time,part-time)	atory				
Second-cycle studies full-time					
No. of hours No. of credits					
Lecture: - Classes: 30 Laboratory: - Project/seminars: -	2				
Status of the course in the study program (Basic, major, other) (university-wide, from another field)					
(brak) (brak)					
Education areas and fields of science and art ECTS distribution and %)	on (number				
technical sciences 2 100%					
Technical sciences 2	100%				
Responsible for subject / lecturer: Bartosz Walter email: bartosz.walter@cs.put.poznan.pl tel. 616652980 Faculty of Computing ul. Piotrowo 3 60-965 Poznań Prerequisites in terms of knowledge, skills and social competencies: Student starting this course should have a basic domain knowledge related to the topics					
techniques and tools used in solving the tasks of the field. Student should be able to solve the basic problems of the selected area and to interval.	Student should be able to solve the basic problems of the selected area and to integrate				
2 Skills knowledge from different areas of computing science and the ability to obtain infor the recommended sources.	knowledge from different areas of computing science and the ability to obtain information from the recommended sources.				
competencies social attitudes area the student must present such attitudes as honesty, responsi perseverance, curiosity, creativity, manners, respect for other people.	Student should also understand the need to expand own competences. In addition, in the social attitudes area the student must present such attitudes as honesty, responsibility, perseverance, curiosity, creativity, manners, respect for other people.				
Assumptions and objectives of the course:					
1. Provide students with basic knowledge of the methodology of writing and presenting scientific papers in the field of computer science.					
2. Develop students? ability to present results of research in computer science by technical papers and presentations.					
3. Develop students' ability to solve problems related to the acquisition of knowledge from selected sources, interpretation of the acquired information and the presentation of research results. Increasing knowledge about t techniques, and tools related to conducting research in a particular field.					
4. Prepare students for choosing the Master thesis topic.					
4. Prepare students for choosing the Master thesis topic. Study outcomes and reference to the educational results for a field of students of the students for a field of stud					
Study outcomes and reference to the educational results for a field of stud	У				
Study outcomes and reference to the educational results for a field of stud Knowledge: 1. student has detailed theoretical knowledge related to the field of computer science in the area of the chosen t	y opic of the				
Study outcomes and reference to the educational results for a field of study Knowledge: 1. student has detailed theoretical knowledge related to the field of computer science in the area of the chosen t thesis - [K_W5+++] 2. student has knowledge regarding trends and the most important new achievements in selected area of computer	y opic of the iter science				

1. student is able to acquire, combine, interpret and evaluate information from literature, databases and other information sources (in native language and English); draw conclusions, and formulate opinions based on it. - [K_U1+++]

2. student is able to communicate in native language and English, using different techniques in professional environment, also with the use of IT tools - [K_U2+++]

3. student is able to prepare an elaboration in native language and a short research report in English presenting the results of research - $[K_U3+]$

4. student is able to prepare and give an oral presentation in English regarding specific computer science problems $-[K_U_{4+++}]$

5. student is able to plan and arrange self-education process - [K_U5++]

6. student has language skills at B2+ level in accordance with the requirements set out for level B2+ Common European Framework of Reference for Languages - $[K_U6++]$

7. student is able to employ analytical, simulation, and experiment methods to formulate and solve engineering tasks and basic research problems $-[K_U9+]$

8. student is able to combine knowledge from different areas of computer science (and if necessary from other scientific disciplines) to formulate and solve engineering tasks; and use system approach that also incorporates nontechnical aspects - [K_U10+]

9. student is able to formulate and test hypotheses regarding engineering problems and basic research problems - [K_U12+] 10. student is able to assess usefulness and possibility of employing new developments (methods and tools) and new IT products - [K_U13++]

Social competencies:

1. student understands that knowledge and skills related to computer science quickly become obsolete - [K_K1+++]

2. 12. is able to correctly assign priorities for implementing tasks specified by himself or others, divide the work into stages and develop a schedule, to categorize the stages of importance, urgency and impact on other stages and the whole task - [K_K6+]

Assessment methods of study outcomes

Formative assessment:

? based on completeness and accuracy of prepared presentations (with own work and reporting state of the art on the given topic),

? based on the active presence during the presentations prepared by other students,

? based on the current progress of the tasks in accordance with the schedule.

Summative assessment:

? assessment of student preparation for each presentation and their compliance with the initial plan,

? continuous evaluation for each seminar (oral response) - based on substantive activity during other people presentations,

- ? on the basis of a prepared short paper/report
- ? based on timely realization of work,
- ? discussion on additional aspects of the subject,
- ? effective use of knowledge in solving problems.

Course description

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Contact hours		35	1	
Total workload		50	2	
	Source of workload	hours	ECTS	
	Student's worklo	ad		
4. studying literature / learning aids (10 pages = 1 hour), 50 pages			5	
3. consulting issues related to the subject of the course.		5		
2. preparation for seminars: 2 x 3 + 4 hours		10		
1. participating in seminars: 15 x 2 hours,		30		
	Activity		Time (working hours)	
	Result of average student	's workload		
-	nt: Designing & Delivering Presentations That En	gage The Mind, Galloway R	., Method Content LLC,	
Additional bibliog				
	c Presentations: Critical Steps to Succeed and Cr files/Scientific-Presentation.pdf, 2002.	itical Errors to Avoid, Alley N	1., sha-	
1. The Non-Designer's Presentation Book, Williams R., Peachpit Press, San Francisco, 2009.				
Basic bibliograph	•			
	tions for possible improvements and deepening the	ne subject,		
? identify concerns / uncertainties in the presented material and solutions,				
? evaluate selection of the proposed methods for solving the problem				
•	on the other students are to:			
the scope of the proble participating in discussion	should focus on presenting a short paper/report on m. The paper should be distributed among other s on. They are expected to read it, understand it an	students prior to presentation	n in order to help them	
-	pical methods and approaches reported in literation		a altra altra a disfin a altra ittaira	
? literature ove				
? the current st				
The second presentation				
? possible topic	s for the Master thesis			
? pre-selected	tools and methods,			
? the proposed	activities related with solving the problem discuss	sed		
? practical impa	act of the topic			
? the motivation	n for selecting this topic			
The first presentation a	ims to provide:			
	d in the form of 15 2-hour meetings. During semir inglish related to the topic considered for the pros	-	to prepare and give	

Practical activities