STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Diploma seminar**		Code **1010332421010330081**

Field of study **Information Engineering**	Profile of study (general academic, practical) **(brak)**	Year /Semester **1 / 2**

Elective path/specialty **Safety of Computer Systems**	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: **1**	No. of credits **3**

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 %**)** **3 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has knowledge of advanced programming techniques and methods.
2	**Skills**	Student has a basic knowledge of selected IT systems with specific characteristics or purpose.
3	**Social competencies**	Student has the competences corresponding to the first degree studies.

Assumptions and objectives of the course:

The purpose of the seminar is to improve the knowledge dealing with the preparation of M. Sc. thesis.

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 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 theses.

Basic bibliography:

1. Depending on the thesis.

Additional bibliography:

1. Depending on the thesis.

Result of average student's workload	
Activity	**Time (working hours)**
1. Participation in the seminar	15
2. Preparation to the seminar	15
3. Preparation of M.Sc. thesis	30
4. Participation in the consultations	25

Student's workload		
Source of workload	**hours**	**ECTS**
Total workload	85	3
Contact hours	40	2
Practical activities	45	2