STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Diploma seminar**		Code **1010332431010330081**

Field of study **Information Engineering**	Profile of study (general academic, practical) **(brak)**	Year /Semester **2 / 3**

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				No. of credits **12**
Lecture: **-**	Classes: **-**	Laboratory: **-**	Project/seminars: **2**	

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**	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.

<table>
<tr><th colspan="2">Result of average student's workload</th></tr>
<tr><th>Activity</th><th>Time (working hours)</th></tr>
<tr><td>1. Participation in the seminar</td><td>30</td></tr>
<tr><td>2. Preparation to the seminar</td><td>30</td></tr>
<tr><td>3. Preparation of the M.Sc. Thesis</td><td>210</td></tr>
<tr><td>4. Participation in the consultations</td><td>30</td></tr>
<tr><th colspan="2">Student's workload</th></tr>
<tr><th>Source of workload</th><th>hours</th><th>ECTS</th></tr>
<tr><td>Total workload</td><td>300</td><td>12</td></tr>
<tr><td>Contact hours</td><td>75</td><td>3</td></tr>
<tr><td>Practical activities</td><td>150</td><td>6</td></tr>
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