STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Diploma Seminar		**1010611271010610467**

Field of study	Profile of study (general academic, practical)	Year /Semester
Transport	**(brak)**	**4 / 7**

Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Logistics of Transport	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
First-cycle studies	**full-time**

No. of hours				No. of credits
Lecture: **-**	Classes: **-**	Laboratory: **-**	Project/seminars: **2**	**15**

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 (number and %)
technical sciences	**15 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	The student has acquired an overall engineering knowledge at undergraduate levels and knows the rules of writing dissertation research papers and reports based on pre-seminar classes.
2	**Skills**	The student can use Internet and search for references in open And library sources. He/she can write fluently in Polish and knows the rules of constructing/developing scientific dissertation.
3	**Social competencies**	The student understands the importance of scientific research and publications.

Assumptions and objectives of the course:

-Provision of practical knowledge and skills in writing research reports and dissertations, in particular bachelor?s theses.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student knows the definitione of the scientific research dissertation and the rules of its construction/development.. - [K1A_W21]
2. He/she knows the rules of the literaturę review and the principles of the define resulting research gap. Student understand the objective and scope of the engineer thesis - [K1A_W21]
3. Student knows the rules of constructing the contents of the bachelor?s thesis. - [K1A_W21]
4. Student knows the rules of developing the theoretical part of the dissertation. - [K1A_W24]
5. Student knows the rules of developing the practical part of the dissertation - [K1A_W24]
6. Student knows the rules of citing and constructing the list of references. - [K1A_W24]

Skills:

1. Student can define the topic/subject, the objective, the scope and the research tasks. - [K1A_U18]
2. Student can construct the content of the bachelor?s thesis. - [K1A_U18]
3. Student is able to carry out the literaturę review and develop the theoretical part of the dissertation - [K1A_U18]
4. He/she can carry out on engineering research program to the bachelor?s thesis - [K1A_U08]
5. He/she can develop on list of references and cite bibliographic items - [K1A_U08]

Social competencies:

1. The student is aware of the value of scientific research, self-education and self-improvement - [K1A_K05]
2. He/she can construct the research report and scientific dissertation. Can communicate with scientific world. - [K1A_K05]
3. Student is aware of ethical standards concerning scientific publications - [K1A_K07]

Assessment methods of study outcomes

-Written tasks checking the student abilities to construct/ develop particular sections of the engineer thesis.
Practical test of developing specific sections of the engineer thesis

Course description

-1. The title and objective of the bachelor?s thesis. Research tasks. : Practical exercices in constructing the topic/subject, title, objective and scope of the bachelors thesis and the research tasks.

2. Contents of the bachelor's thesis: Constructing the structure of the master thesis. Developing the contents of dissertation (selected examples.)

3. Theoretical part of the bachelor's thesis: Constructing theoretical chapters of the engineer thesis associated with the literature review.

4. Practical post of the bachelor?s thesis.: Consstructing practical chapters of the bachelors thesis. Different versions of the analytical, conceptual, experimental character.

5. List of references and citing rules.: Different metchods and standards of citing. Construction of the list of references.

6. Final graduate exam. Defense the engineer theris.: The rules of the bachelors thesis defense. The course of the final graduate exam.

Basic bibliography:

1. Zenderowski R.: Praca magisterska. Jak pisać i obronić? Wskazówki metodologiczne. CeDeWu, Warszawa, 2007.

2. Rawa T.: Metodyka wykonywania inżynierskich i magisterskich prac dyplomowych, Wydawnictwo Uniwersytetu Warmińsko ? Mazurskiego, Olsztyn 2006.

Additional bibliography:

1. Ustawa o prawie autorskim i prawach pokrewnych z dnia 4 lutego 1994 roku; Dziennik Ustaw z dnia 23 lutego 1994 roku.

2. Wisłocki K.: Cel i program seminariów przeddyplomowych i dyplomowych na wyższych studiach technicznych. Konwersatorium Wydziału Maszyn Roboczych i Transportu ? prezentacja, Poznań, 2008.

Result of average student's workload

Activity	Time (working hours)
1. Contact hours with teacher	30
2. Individual consultation	6
3. Prepering to exam	10

Student's workload

Source of workload	hours	ECTS
Total workload	46	15
Contact hours	36	10
Practical activities	46	15