STUDY MODULE DESCRIPTION FORM

Name of the module/subject **Diploma thesis preparation**		Code **1010101171010110974**
Field of study **Civil Engineering First-cycle Studies**	Profile of study (general academic, practical) **(brak)**	Year /Semester **4 / 7**
Elective path/specialty **-**	Subject offered in: **Polish**	Course (compulsory, elective) **obligatory**
Cycle of study: **First-cycle studies**	Form of study (full-time,part-time) **full-time**	
No. of hours Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **5**		No. of credits **15**
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		ECTS distribution (number and %)

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Basic knowledge (engineering level) of the strength of materials and mechanics of structures, building foundations, metal structures, reinforced concrete, masonry, wood.
2	**Skills**	The ability to acquire information from identified sources, preparation of project documentation uncomplicated simple objects.
3	**Social competencies**	Awareness of the need to broaden their skills and making a major responsibility in their future careers.

Assumptions and objectives of the course:

Gaining practical skills in designing, dimensioning, and prepare a partial documentation of construction and simple design of a building.

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

Knowledge:

1. 1. Knows the standards and guidelines for the design of buildings and their components - [[K_W06]]
2. 2. Knows the principles of designing and dimensioning of building construction elements - [[K_W07]]
3. 3. Knows the principles of design and analysis of selected objects of general construction - [[K_W09]]

Skills:

1. 1. Able to assess and make a statement of loads acting on buildings - [[K_U02]]
2. 2. Able to properly define computational models for computer analysis of the structure - [[K_U03]]
3. 3. Able to perform static analysis of rod-like structures - [[K_U04]]
4. 4. Place the dimension the basic building blocks - [[K_U08]]

Social competencies:

1. 1. Able to work independently and collaborate as a team on a designated task - [- [K_K01]]
2. 2. He is responsible for the accuracy of the results of their work and their interpretation - [- [K_K02]]
3. 3. Isolated complements and extends knowledge in the field of modern processes and technologies - [- [K_K03]]

Assessment methods of study outcomes

Completion of the course on the basis of:
- Assessment presented thesis,
- Regularity of its execution,
- Ability to solve technical problems.

Course description

Consistent with the theme of the thesis

Teaching methods.

A lively discussion with a graduate on current problems, explanations on a regular basis or providing sources in the subject literature.

Basic bibliography:

1. Technical Books in line with the theme of work

Additional bibliography:

1. . Polish and European technical standards and construction

Result of average student's workload

Activity	Time (working hours)
1. OWN WORK(Intependent) Preparation of thesis and scientific research	365
2. Direct contacte/consultation with supervisor	5

Student's workload

Source of workload	hours	ECTS
Total workload	375	15
Contact hours	10	1
Practical activities	365	14