

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma Seminar		Code 1010101171010110109
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: 15 Laboratory: - Project/seminars: -		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		ECTS distribution (number and %)
Responsible for subject / lecturer: dr hab. inż. Maciej Szumigala email: maciej.szumigala@put.poznan.pl tel. 061 665 2401 Faculty of Civil and Environmental Engineering ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of strength of materials and mechanics of structures, 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 skills in the public presentation of the results of their own work, constructive participation in the public debate. Understanding the principles of preparing the thesis and its presentation (defense).		
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] - [- [K_U02]] 2. 2. Able to properly define computational models for computer analysis of the structure - [K_U03] - [- [K_U03]] 3. 3. Able to perform static analysis of rod-like structures. - [K_U03] - [- [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		
Credit seminar based on:- The presentation of the evaluation set of technical topic (optional)- The presentation of the evaluation set their own thesis,- Participation in seminars and discussions		

Course description		
<p>Presentation of the general rules for carrying out the final exam and thesis preparation. Selected given subjects from literature and scientific - technical compiled by each student graduate student presented in the form of public presentation. Preparation and presentation of self-representation thesis. Acquiring the skills of public presentation of the results of their own work, their own opinion and view on a specific topic, participate in public discussion.</p> <p>Teaching methods.</p> <p>Form of seminar classes. Students prepare a presentation on the subject of the diploma thesis (or a related topic). The lecturer or the audience asks questions during the presentation. A discussion is recommended after the presentation. The form and content of the presentation as well as active participation in classes and discussions are evaluated.</p>		
<p>Basic bibliography:</p> <ol style="list-style-type: none"> 1. Technical Books in line with the theme of work 2. PN and EC 		
<p>Additional bibliography:</p> <ol style="list-style-type: none"> 1. Polish and European technical standards and construction 		
Result of average student's workload		
Activity	Time (working hours)	
1. 1. Seminar	15	
2. 2. Prepare a thematic presentation	10	
3. 3. Prepare to present their own diploma	5	
Student's workload		
Source of workload	hours	ECTS
Total workload	75	3
Contact hours	15	1
Practical activities	60	2