

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma Seminar</b>		Code <b>1010101171010110109</b>
Field of study <b>Civil Engineering First-cycle Studies</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>4 / 7</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: - Classes: <b>15</b> Laboratory: - Project/seminars: -		No. of credits <b>3</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art		ECTS distribution (number and %)
<b>Responsible for subject / lecturer:</b>		
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		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Basic knowledge of strength of materials and mechanics of structures, metal structures, reinforced concrete, masonry, wood.
2	<b>Skills</b>	The ability to acquire information from identified sources, preparation of project documentation uncomplicated simple objects.
3	<b>Social competencies</b>	Awareness of the need to broaden their skills and making a major responsibility in their future careers.
<b>Assumptions and objectives of the course:</b>		
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).		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
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]]		
<b>Skills:</b>		
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]]		
<b>Social competencies:</b>		
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]]		
<b>Assessment methods of study outcomes</b>		
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		

<b>Course description</b>		
<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>		
<b>Basic bibliography:</b>		
<ol style="list-style-type: none"> <li>1. Technical Books in line with the theme of work</li> <li>2. PN and EC</li> </ol>		
<b>Additional bibliography:</b>		
<ol style="list-style-type: none"> <li>1. Polish and European technical standards and construction</li> </ol>		
<b>Result of average student's workload</b>		
Activity	Time (working hours)	
1. 1. Seminar	15	
2. 2. Prepare a thematic presentation	10	
3. 3. Prepare to present their own diploma	5	
<b>Student's workload</b>		
Source of workload	hours	ECTS
Total workload	75	3
Contact hours	15	1
Practical activities	60	2