

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) general academic	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: 3		No. of credits 15
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 15 100% 15 100%
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 (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		
Basic bibliography:		
1. Technical Books in line with the theme of work 2. Technical Books in line with the theme of work		
Additional bibliography:		
1. . Polish and European technical standards and construction 2. . Polish and European technical standards and construction		
Result of average student's workload		
Activity	Time (working hours)	
1. 1. Formal Consultation	3	
2. 2. Preparation of the thesis	375	
Student's workload		
Source of workload	hours	ECTS
Total workload	375	15
Contact hours	3	0
Practical activities	375	15