

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Diploma thesis preparation</b>		Code <b>1010102131010120974</b>
Field of study <b>Civil Engineering Second-cycle Studies</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 3</b>
Elective path/specialty <b>Roads and Airfields</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: <b>0</b>		No. of credits <b>10</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 <b>technical sciences</b>		ECTS distribution (number and %) <b>10 100%</b>
<b>Responsible for subject / lecturer:</b> prof. dr hab. inż. Wojciech Grabowski email: wojciech.grabowski@put.poznan.pl tel. 61-665-24-87 Civil and Environmental Engineering Piotrowo Str. 5, 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	The scope of the knowledge gained from the program the first cycle studies and the first and second semester of the second cycle
2	<b>Skills</b>	The skills acquired in the I and II course of studies in the areas: design, construction and maintenance of roads.
3	<b>Social competencies</b>	Ability to work independently.
<b>Assumptions and objectives of the course:</b> Preparing of students to execute the dissertation thesis		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. The student has the knowledge gained in the current process of education that is required to prepare a thesis. - [-] 2. The student has knowledge of the methods of solving technical problems - [-] 3. The student has the knowledge acquired from the analysis of the technical, economic, or empirical research project. - [-]		
<b>Skills:</b>		
1. It has the ability to draw conclusions on the basis of the collected material. - [-] 2. Student can submit the thesis, a method of analysis, the conclusions in the form of development, and has the ability to specify the thesis, collect and analyze literature. - [-] 3. It has the ability to critically evaluate the width and the ability to formulate the problem of selection methods to resolve the subject. - [-]		
<b>Social competencies:</b>		
1. Able to work independently. - [-] 2. Is aware of the need for professional development. - [-] 3. Comply with the rules of ethics. - [-]		
<b>Assessment methods of study outcomes</b>		

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The consultation viewing the progress and severity of the thesis and Final thesis exam.		
<b>Course description</b>		
-Course content compatible with the tasks detailed data in tab thesis topic.		
<b>Basic bibliography:</b>		
1. Scientific and technical literature, standards, guidelines, technical and procedural requirements raised by the graduate student in accordance with the subject of the thesis.		
<b>Additional bibliography:</b>		
1. Scientific and technical literature collected by graduate student in accordance with the subject of the thesis.		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Consultation with the supervisor.	12	
2. Individual preparation of Thesis	267	
3. Diploma exam.	1	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	196	7
Contact hours	35	1
Practical activities	0	0