

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>History of transport</b>		Code <b>1010104111010127731</b>
Field of study <b>Civil Engineering First-cycle Studies</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>1 / 1</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: <b>16</b> Classes: <b>-</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>2</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>university-wide</b>
Education areas and fields of science and art <b>humanities</b> <b>Humanities</b>		ECTS distribution (number and %) <b>2 100%</b> <b>2 100%</b>
<b>Responsible for subject / lecturer:</b>  DSc Eng. Jeremi Rychlewski email: jeremi.rychlewski@put.poznan.pl tel. 61 647 5816 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>	Has knowledge of history, mathematics and physics on level appropriate for end of high school.
2	<b>Skills</b>	Has an ability for logic thinking, including combining facts to reach new conclusions. Has an ability to learn with understanding.
3	<b>Social competencies</b>	Knows limits of own knowledge and understands a need for further education.
<b>Assumptions and objectives of the course:</b> 1. Learn an abridged history of transport in the world and in Poland. 2. Historia magistra vitae est - learn about chosen law and economic processes in transport area on historical examples. 3. Learn cases of history's influence on current shape on transport network in Poland and in Poznań. 4. Learn an abridged history of road's construction elements.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b> 1. Has basic knowledge about an influence of history on design and realisation of transport infrastructure - [K_W10] 2. Has basic knowledge about chosen economical processes influencing transport infrastructure - [K_W10] 3. Has basic knowledge about history of spatial planning and influence of history on urban city layout - [K_W17]		
<b>Skills:</b> 1. Can use information about object's history to predict design and realisation problems - [K_U05] 2. Can evaluate dangers for construction works and processes resulting from history of the construction place - [K_U16] 3. Can evaluate a historical context of a building project - [K_U20]		
<b>Social competencies:</b>		
<b>Assessment methods of study outcomes</b>		
Activity during lectures. Written colloquium, for a small number of students the colloquium can be changed to oral.		

<b>Course description</b>		
<p>A hint of transport history of the world, Poland and Poznań.            Chosen legal and economic processes decisive for transport systems evolution.            Influence of history on transport network's shape in Poland and in Poznań.            A hint on road pavement history.            A hint on traffic control systems.</p>		
<p><b>Basic bibliography:</b></p> <ol style="list-style-type: none"> <li>1. J. Sysak. Drogi kolejowe. WKiŁ, Warszawa 1982.</li> <li>2. Dzieje Poznania. Pr. zbior. p. red. J. Topolskiego. PWN, Poznań-Warszawa 1988</li> <li>3. J. Tazbir. Zarys historii Polski. PIW, Warszawa 1980.</li> <li>4. D. St. Clair. The motorisation of American cities. Praeger 1986.</li> </ol>		
<p><b>Additional bibliography:</b></p> <ol style="list-style-type: none"> <li>1. Kronika miasta Poznania. Wydawnictwo miejskie.</li> <li>2. J. Dutkiewicz. Tramwaje w Poznaniu. Kolpress, Poznań 2005.</li> <li>3. Wł. Czarnecki. To też był mój Poznań. Wydawnictwo Poznańskie, Poznań 1987.</li> <li>4. M. i L. Trzeciakowscy. W XIX-wiecznym Poznaniu. Wydawnictwo Poznańskie, Poznań 1987.</li> </ol>		
<b>Result of average student's workload</b>		
Activity	Time (working hours)	
1. Students attendance to lectures	16	
2. Individual trips in Poznań	8	
3. Literature survey	8	
4. Preparation to colloquium.	6	
<b>Student's workload</b>		
Source of workload	hours	ECTS
Total workload	38	2
Contact hours	16	1
Practical activities	18	1