STUDY MODULE DESCRIPTION FORM								
	the module/subject teeship		Code 1010631211010611591					
Field of study				Profile of study (general academic, practical)	Year /Semester		
Transport				general academic	,	1/1		
Elective path/specialty Engineering of Pipeline Transport				Subject offered in: Polish		Course (compulsory, elective) obligatory		
Cycle of			For	rm of study (full-time,part-time)		obligatory		
Second-cycle studies				full-time				
No. of h	ours					No. of credits		
Lectur	e: - Classes	: - Laboratory: 12	20	Project/seminars:	-	4		
Status o	Status of the course in the study program (Basic, major, other) (university-wide, from another field)							
F 1 (1		other		univ	ersi	ty-wide		
Educatio	on areas and fields of scie	ence and art				ECTS distribution (number and %)		
technical sciences						4 100%		
Responsible for subject / lecturer:								
dr inż. Adam REDMER email: bnm, tel. bnm, bm, bm,								
Prerequisites in terms of knowledge, skills and social competencies:								
1	Knowledge	bnm,						
2	Skills	bn,m						
3	Social competencies	bnm,						
Assu	mptions and obj	ectives of the course:						
b,mn								
		mes and reference to the	e ed	ucational results for	' a f	ield of study		
	ledge:							
1. bn,m								
Skills								
1. b,m - [-]								
Social competencies: 1. bnm, - [-]								
	, []							
Assessment methods of study outcomes								
bnm, Course description								
bnm,								
Basic bibliography:								

Additional bibliography:						
Result of average student's workload						
Activity	Time (working hours)					
1. bnm,		120				
2. bnm,	0					
Student's wo	rkload					
Source of workload	hours	ECTS				
Total workload	120	4				
Contact hours	1	0				
Practical activities	119	4				