

9	Elective subjects - IX: a) History of Art and Culture b) The United States in Post-War International Order	18	3	18				z.o.			18											
10	Protection of Intellectual Property with Library Skills Training	12	1	12				z.o.	12													
11	Elective subjects - X: a) Consumer Law b) Basics of Labour Law	18	3	18				z.o.			18											
Total:		171	29	66	75	30	0		30	30	36	30	0	15	0	15	0	15	0	0	0	0
M II - MATHEMATICS AND QUANTITATIVE RESEARCH IN LOGISTICS																						
12	Matematics 1	36	3	21		15		egz.	21	15												
13	Matematics 2	36	3	21		15		egz.			21	15										
14	Statistics	30	3	18		12		egz.					18	12								
15	Operational Research	33	3	15		18		z.o.									15	18				
Total:		135	12	75	0	60	0		21	15	21	15	18	12	0	0	15	18	0	0	0	0
M III - TECHNIQUE IN LOGISTICS																						
16	Technical Basic	30	4	15		15		egz.	15	15												
17	Physics	27	3	12		15		z.o.					12	15								
18	Logistics Infrastructure	27	3	12		15		egz.					12	15								
19	Materials Science	24	2	12		12		z.o.							12	12						
Total:		108	12	51	0	57	0		15	15	0	0	24	30	12	12	0	0	0	0	0	0
M IV - SYSTEMS ENGINEERING AND INFORMATION TECHNOLOGIES IN LOGISTICS																						
20	Technical Drawnig	15	2			15		z.o.				15										
21	Engineering Graphics	15	3			15		z.o.							15							
22	System Engineering and Systems Analysis	36	3	18		18		egz.							18	18						

23	Elective subjects -XI: a) Projektowanie systemów oraz procesów logistycznych 1 (subject in Polish) b) Processes Design and Logistical Systems 1	36	5	18		18		z.o.									18	18				
24	Elective subjects -XII: a) Projektowanie systemów oraz procesów logistycznych 2 (subject in Polish) b) Processes Design and Logistical Systems 2	36	5	18		18		egz.											18	18		
25	Elective subjects - XIII: a) Technologie informatyczne w logistyce (subject in Polish) b) Information Technology in Logistics	27	3	12		15		egz.											12	15		
Total:		165	21	66	0	99	0		0	0	0	15	0	0	18	33	18	18	30	33	0	0

42	Production and Services Management	30	3	15		15		egz.			15	15											
43	Organizational and Decision-Making Techniques	27	2	12		15		egz.					12	15									
44	Normalization and Quality Management in Logistics	33	3	18		15		z.o.					18	15									
45	Process Management	24	3	12		12		egz.									12	12					
46	Cyvil and Economy Law	24	3	12		12		z.o.									12	12					
47	Supply Chain Management	30	3	15		15		egz.									15	15					
48	Interpersonal Communication	12	2			12		z.o.										12					
49	Negotiations	12	2			12		z.o.												12			
50	Managing Organizational Teams	12	2			12		z.o.												12			
51	Administrative Law and Procedure	15	2	15				z.o.													15		
52	Individual Entrepreneurship	24	2	12		12		z.o.													12	12	
53	Logistic Decisions and Reporting	15	2			15		z.o.														15	
54	Elective subjects -XVI: a) Organization of Office Work b) Management Systems in Line with Corporate Social Responsibility	12	2			12		z.o.														12	
Total:		297	34	126	0	171	0		15	12	15	15	30	30	0	0	39	51	0	24	27	39	
M VIII - DIPLOMA WORK - ENGINEERING																							
55	Research Methods in Logistics	45	4	15			30	z.o.												15	30		
56	The Technique of Writing and Presentation of Engineering Projects	30	5				30	z.o.														30	
57	Engineering Study	18	2			18		z.o.														18	
58	Preparation of Engineering Design and Preparation for Final Exam		15					egz.															
Total:		93	26	15	0	18	60		0	0	0	0	0	0	0	0	0	0	0	15	30	0	48
M IX - PROFESSIONAL PRACTICE																							

59	Student Internship 1	320	10			320		z.o.				320										
60	Student Internship 2	320	11			320		z.o.							320							
61	Student Internship 3	320	11			320		z.o.											320			
Total:		960	32	0	0	960	0		0	0	0	320	0	0	0	320	0	0	0	320	0	0
OTHER																						
62	Occupational Health and Safety	4	1	4				z.o.	4													
Total:		4	1	4					4													
Total (without apprenticeship):		1380	177	591	75	654	60		123	114	72	75	123	153	75	108	111	150	60	102	27	87
Total (with apprenticeship):		2344	210	595	75	1614	60		127	114	72	395	123	153	75	428	111	150	60	422	27	87