

**UNDERGRADUATE STUDY: LOGISTICS****SEMESTER (I)****Syllabus**

Academic year 2025/2026

Course: Theory of Goods Flow						
Head of course: Assoc. Prof. Tomislav Rožić , Ph. D. Asst. Prof. Petar Feletar , Ph. D.						
Co-lecturers:						
Semester: I.	Course code: 272756	Lectures: 30	Auditory exercises: 0	Laboratory exercises: 0	Seminars: 30	ECTS credits: 5
Group for lectures: 15 students			Group for auditory and laboratory exercises: 15 students			

Objective of the course:

- Provide knowledge and information necessary for understanding goods flows and its processes.
- Explain geo-traffic, social and natural factors as a factors of goods flows formation.
- Present students the complexity of the global logistics concept.

Course enrolment requirements:

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Learning outcomes:

1. Recall basic terms related to goods flows.
2. Classify the main characteristics of goods and traffic flows.
3. Recognize the factors of goods flows formation.
4. Analyse geopolitical and geoeconomic indicators of contemporary goods flows.

**LECTURES, EXERCISES and SEMINARS**

Week	Syllabus	Form of classes	Performed by	Lessons	Remark
1.	Introduction to the course and basic terms on goods flows	L	Tomislav Rožić		
	Introduction on writing a seminar paper	S	Tomislav Rožić		
2.	Subject of the study of goods flows, study methods and field of activity	L	Tomislav Rožić		
	Main characteristics of food industry goods flows	S	Tomislav Rožić		
3.	Main characteristics of goods flows	L	Tomislav Rožić		
	Main characteristics of oil industry goods flows	S	Tomislav Rožić		
4.	Historical overview of the development of geostrategy and geopolitics as scientific disciplines	L	Petar Feletar		
	Main characteristics of automotive industry goods flows	S	Tomislav Rožić		
5.	Analysis of global goods flows	L	Tomislav Rožić		

	Influence of geo-traffic factors to the goods flows formation	S	Petar Feletar		
6.	Predisposition for the goods flows formation	L	Tomislav Rožić		
	Influence of demographic trends to the goods flows formation	S	Petar Feletar		
7.	Geo-traffic factors as a predisposition to the goods flows formation	L	Petar Feletar		
	Influence of geographical characteristics to the goods flows formation	S	Petar Feletar		
8.	Social factors as a predisposition to the goods flows formation	L	Petar Feletar		
	Influence of geopolitical factors to the goods flows formation	S	Petar Feletar		
9.	Natural predispositions as the possibility of the goods flows formation	L	Petar Feletar		
	Territorial strategies as an element in the goods flows formation	S	Petar Feletar		
10.	Geopolitical aspects as a predisposition to the formation of goods flows	L	Petar Feletar		
	National strategies as an element in the goods flows formation	S	Tomislav Rožić		

11.	Geopolitical aspects of contemporary demographic trends in the world	L	Petar Feletar		
	Role of global logistics to the goods flows development	S	Tomislav Rožić		
12.	Concepts of global logistics	L	Tomislav Rožić		
	Relations between participants in global goods flows	S	Tomislav Rožić		
13.	Concepts of global logistics (relationships between global logistics parties)	L	Tomislav Rožić		
	Importance of contemporary trends on the goods flows formation	S	Tomislav Rožić		
14.	Territorial and competitive strategies of multinational organizations in the goods flows formation	L	Petar Feletar		
	The influence and importance of information technologies and digitization on the development of logistics and the goods flows formation	S	Tomislav Rožić		
15.	Final lecture and summary of acquired knowledge	L	Petar Feletar		
	Final lecture and summary of acquired knowledge	S	Tomislav Rožić		

L = Lectures; AE = Auditory Exercises; LE = Laboratory Exercises; S = Seminars



STUDENT OBLIGATIONS AND EXAMS

Conditions for obtaining signatures:

For student to achieve the course status as a taken, a student must attend at least 70% of the lectures and write one seminar paper.

Written Examination:

The written test is carried out in two ways:

In two parts via a preliminary exams: the first preliminary exam is held in the middle of the semester, and the second at the end of the semester. The number of points that a student can obtain in one preliminary exam is 40. Students who obtain less than 20 points per preliminary exam have not passed the preliminary exam, and the points for the written test will need to be obtained at the final written part of the exam. Students who score less than 40 on both preliminary exams have not passed the written part of the exam. The first preliminary exam can be taken by all students who regularly attend classes (min. 70%). Students who have passed the first preliminary exam can take the second preliminary exam. The preliminary exam consist of theoretical questions. The student is exempted from the written part of the exam according to the following grading criteria: 40-50 points (sufficient – 2); 51-60 points (good – 3); 61-70 points (very good – 4) and 71-80 points (excellent – 5). The oral part of the exam is mandatory for all students.

in one part through the written final exam: 80 points can be obtained on the written exam. Students who score less than 40 have not passed the written part of the exam. All students who did not collect a sufficient number of points individually in the colloquia or are not satisfied with the points collected in the preliminary exam or did not attend the written test of knowledge through the preliminary exam take the written part of the exam.

To attend the oral part of the exam, it is necessary to obtain a minimum of 40 points, either through two preliminary exams or a written exam, with the obligation to attend classes and prepare and present a seminar paper.

Oral examination:

LITERATURE

a) Obligatory literature:

1. Mangan J, Lalwani C, Calatayud A. Global Logistics and Supply Chain Management. IV. Izdanje. Wiley; 2020.
2. Rodrigue J-P. The Geography of Transport Systems. Fifth Edition, London: Routledge; 2020. ISBN: 978-0-367-36463-2. <https://doi.org/10.4324/9780429346323>.



3. Magaš D. Geografija Hrvatske. Meridijani; 2016.

b) Recommended literature:

1. Feletar P. Hrvatske povijesne ceste. Zagreb: Meridijani; 2015.
2. Bookbinder JH. Handbook of global logistics. New York: Springer; 2013.
3. Manners-Bell J. Introduction to Global Logistics: Delivering the Goods. II. izdanje, London: 2016.
4. Europska komisija. Bijela knjiga, Plan za jedinstveni europski prometni prostor – Put prema konkurentnom prometnom sustavu unutar kojeg se učinkovito gospodari resursima. Brussels: 2011.
5. Lončar J, Stiperski Z. Industrijska geografija. Zagreb: Meridijani; 2019.
6. Wertheimer-Baletić A. Demografska teorija i populacijska politika. Zagreb: Meridijani; 2017.

METHODOLOGY OF THE IMPLEMENTATION OF THE COURSE PLAN

1. LECTURES

2. AUDITORY EXERCISES

3. LABORATORY EXERCISES

4. SEMINAR

Note: Individual and/or group viewing negative written test

**5. DOCUMENTATION****6. SCORING SYSTEM****Table 1** The scoring system for the monitoring of students and explained credit values in ECTS credits

no	Segment:		Required credits to be achieved:		Remark:	ECTS credits
			Min.	Max.		
1.	Presence at the lectures		0	10		2
2.	Presence at the exercises (auditory and laboratory)					
3.	Seminar		0	10		
4.	First colloquium	= Written exam	0	10		1
5.	Second colloquium		0	10		1
6.	Oral exam		0	10		1
Σ	Overall points:			50	Overall ECTS points:	5

*During the course the student is evaluated based on the sum of the internal points earned through participating in class (lectures and exercises) and grading the seminar work. The student, in order to realize the condition "courses requirements achieved", must achieve a minimum of 25 points.



Table 2 - Explanation of the credit values in evaluations

CREDITS:	Estimate based on attendance, seminar paper and two colloquies (or written exam) - [5 ECTS] *:	The final score [5 ECTS] *:
	Sufficient (2)	
	Good (3)	
	Very good (4)	
	Excellent (5)	

Information for students (scoring system, implementation plan, learning outcomes, syllabus, literature, consulting teachers, announcement of results of examinations or colloquium, and all other information):

- <https://moodle.srce.hr/2025-2026/> (<https://merlin.srce.hr>)
- <http://www.fpz.unizg.hr/isvu/2025-en/>

Student assistants: