



UNDERGRADUATE/GRADUATE STUDY:

TRANSPORT, ITS AND LOGISTICS

SEMESTER (VI/I)

Syllabus

Academic year 2025/2026

Course: International Transport and Forwarding					
Head of course: Prof. Darko Babić , Ph.D.					
Co-lecturers: Assoc. Prof. Ivona Bajor , Ph.D.					
Semester: W/S	Course code: 93754	Lectures: 30	Auditory exercises: 15	Seminar: 15	ECTS credits: 5
Group for lectures: 40 - 50 students			Group for auditory exercises and seminars: 40 - 50 students		

Objective of the course:

- The course is introducing students the transport relations and their meaning in term of business operations within the area of forwarding and particular transport fields. Main topics of the course include: Basic concepts in forwarding; National and international associations of freight forwarders; Basic and special operations in the international freight forwarding; Legal sources and types of freight forwarders; The rights, obligations and responsibilities of the carrier; Contracts (parties, reasoning, forms, fundamental elements, duration and termination); INCOTERMS; Freight rates; Customs documents, TIR Carnet, ATA Carnet, Customs procedures and responsibilities of freight forwarder; Financial operations in forwarding; Forwarding business techniques; Freight forwarder - organizer and entrepreneur of intermodal transport; Transport insurance; Logistics and role of freight forwarders as logistics operators; Freight forwarder in function of logistics operator; Stock and agency business in forwarding; The role and position of the logistics operators in the market; Information systems in the forwarding business; Legislation, Regulations and international conventions on the freight forwarding industry; The application of law and the jurisdiction of the courts.

Learning outcomes:

After the completion of the course the students will be able to:





1. Distinguish the basic concepts of shipping.
2. Describe the role of freight forwarder in the economic system.
3. Explain the international trade rules, shipping and freight rates.
4. Know how to apply acquired knowledge in filling out documents in freight forwarding.
5. Know how to interpret legal regulations, rules and international conventions on freight forwarding.
6. Analyze the cost of transport by individual traffic branches.
7. Select the most convenient solution based on the calculation





LECTURES and EXERCISES

Week	Syllabus	Form of classes	Performed by	Lessons	Remark
1.	First lecture with introduction note will inform the students about the importance of International Transport and Forwarding, providing knowledge about the thematic, basic terminology used, and definition of the subject.	L	Darko Babić	2	
	Following the keynotes, exercises will include presentations of techniques of performing tasks that are basic for a freight forwarding service.	AE/S	Darko Babić	2	
2.	The lecture deals with the origin, development, and business organization of International Transport and international freight forwarding. Defining the current situation and the position of forwarding business on the market. Review of the forwarding organizations in Croatia will be presented.	L	Darko Babić	2	
	As following to the lectures, students will see specific issues regarding European integral processes and position of a freight forwarder	AE/S	Darko Babić	2	
3.	Legal framework of the international freight forwarding business will be introduced. Students will learn about FIATA and basic documentation regarding forwarding and transport. Lecture will also provide certain knowledge about INCOTERMS 2010, their division into groups and sectors of transport, and transmission of costs and risks from the seller to the buyer.	L	Darko Babić	2	

4.	Students will be introduced to FIATA documents and will learn to define the specific application of each of them, methods of application. Exercises will also include the calculation of transport costs, depending on the selected delivery terms and to emphasize their importance, based on real situations.	AE/S	Darko Babić	2	
5.	Lectures include an introduction to the main tasks of freight forwarding with categorization to each one of them. Students will learn specific tasks of the business adopted to Croatian market.	L	Darko Babić	2	
	As following to the lectures, students will learn about activities of the tasks of freight forwarding. Case study will be provided and steps will be defined.	AE/S	Darko Babić	2	
6.	At the lecture freight rates will be defined and provided basic introduction to rates in the international freight forwarding business. Basic rate terms will be introduced with principles and transportation tariffs.	L	Darko Babić	2	
	As following to the lectures, students will calculate rates according to the tasks that will be given. Tasks will be provided according to the different modes of transport.	AE/S	Darko Babić	2	
7.	This lecture aims to equip students with knowledge of the Customs laws governing prohibitions and restrictions, reporting inward and outward of vessels, vehicles and aircrafts. It will also cover matters related to arrival overland and customs control, customs destination inspection process and cargo clearance procedures.	L	Darko Babić	2	

	During the exercises, students will calculate the value of customs duty on import and export of goods, on the basis of real examples from practice. The customs system in Croatia and the establishment of the customs administration will be in detail explained.	AE/S	Darko Babić	2	
8.	Lecture provides the students with knowledge of classification of goods according to international standards. The course will also help the students to understand the basic theoretical and practical fundamentals in identification and classification of goods in their respective levels and rules governing classifications.	L	Darko Babić	2	
	Exercise content includes evolution of customs nomenclature, the structure of the Harmonized System for tariff classification and the general interpretative rules.	AE/S	Darko Babić	2	
9.	The lecture will provide a basic understanding of the operational activities of international freight forwarders and their structure. It will be shown operations division according to the forwarders role in the transport enterprise and the basic features of forwarder task.	L	Darko Babić	2	
	As following to the lectures, practicum will propose actions that make operational tasks (scheduling, positioning). During exercises, students will be familiar with the basic features of special operations of a freight forwarder.	AE/S	Darko Babić	2	TEST 1
10.	The course is aimed at introducing students to scope of freight forwarding services and documentation for imports and exports. The course is further intended to let the students know about rights, duties and responsibilities of a forwarder when acting as an agent.	L	Darko Babić	2	

	Exercise will enlighten the students on internal and external environment in the relationship with intervening parties, packing and packaging, carriage of goods by sea and air. Also the exercise will cover procedures relating to clearance of cargo in all modes of transport.	AE/S	Ivona Bajor	2	
11.	The lecture will provide the basic knowledge of the market, transport capacity, and production of transport services with commercial value expressed with rates. It will handle major features, as well as market operators transport capacity.	L	Darko Babić	2	
	As following to the lectures, exercises will include calculations of transport capacity of the market for individual transport sectors and define specific ways of doing business within each market.	AE/S	Ivona Bajor	2	
12.	This lecture provides students with knowledge on transit and transshipment procedures as a way of facilitating trade. It will help the students to gain deep understanding of trade practices across national borders.	L	Darko Babić	2	
	Exercise will cover all duties of customs agents, transit and transshipment, post parcels and currier services, post clearance audit and customs offences.	AE/S	Ivona Bajor	2	
13.	The lecture will provide the basic knowledge about the insurance of goods in transit. Lectures will include the division of insurance and basic terms (the amount of insurance, insurance premiums, etc.)	L	Darko Babić	2	
	As following to the lectures, students will learn about conclusion of the contract, the submission of a claim, and based on real examples from practice to calculate the amount of transport insurance for a particular type of goods.	AE/S	Ivona Bajor	2	

14.	The lecture will provide the basic knowledge of the consolidated and groupage traffic, its beginning and development, and will cover the concept and purpose of summary. Lecture will provide specific knowledge of the TIR and ATA	L	Ivona Bajor	2	
	In the exercises, students will learn, based on realistic case studies, to fill complete forms and ATA carnet TIR and thus determine the procedures for the customs office in the country of import, export and transit when using TIR and ATA carnet.	AE/S	Ivona Bajor	2	
15.	The lecture will include basic knowledge about forwarder as a logistic operator, it will introduce the level of development of freight forwarding business. Lectures will include basics about information systems in forwarding business.	L	Ivona Bajor	2	
	- As following to the lectures, the practicum will define relevance of logistics regarding support in international forwarding. - Organization and project of information on system of EDIFACT will be presented, usage of EDIFACT standards, and rationalization in forwarding business.	AE/S	Ivona Bajor	2	
16.	Final lecture providing examples from practice (Case study Intereuropa)	L	Ivona Bajor	2	
	Final exercises providing calculations based on case studies discussed in lectures	AE/S	Ivona Bajor	1	TEST 2

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



STUDENT OBLIGATIONS AND EXAMS

Conditions for obtaining signatures:

During the semester students have the option of taking two tests. Each test consists of numerical and theoretical questions (or their combination) in which it is possible to achieve a maximum of 80 points. Students that achieve a total of 20 points or more have an option of taking the second test. Students that achieve a total of 20 points or more on the second test are exempted from a written exam. Students that do not achieve minimum of 20 points have to take a written exam.

The written and oral exam is provided for all students, regardless. To pass the written exam it is necessary to answer 51% of questions correctly, and the grading system is shown in "scoring system". Verbal evaluation of the cognitive skills of applying empirical facts and theoretical knowledge is organized after finishing written exam and getting positive evaluation.

Students are required to attend lectures and exercises. Students that at the end of semester have minimum of 70% of attendance get 10 points (5 points for lectures and 5 points for exercises attendance). Students that do not achieve those points have to take course once again. In the case of justified absences (for more than 3 times during lectures and more than 3 times for exercises), students have to submit medical records or other official records (which are subject of verification). After successful verification process and seminar paper acceptance students get 20 points.

LITERATURE

a) Obligatory literature:

1. Nelson, C.: Import/Export: How to Take Your Business Across Borders, McGraw Hil
2. Budgen, P.: Freight Forwarding and Goods in Transit, Sweet and Maxwell, 1998., ISBN-13: 978-0421609402

b) Recommended literature:

1. Slater, A.: Example Agreement for Third-party Freight Forwarding Services, Added Value Logistics Publications Ltd, 2004., ISBN-13: 978-1899960132
2. 4. Incoterms 2020.: International Commercial Terms, International Chamber of Commerce, 2020.





METHODOLOGY OF THE IMPLEMENTATION OF THE COURSE PLAN

1. LECTURES

Lectures follow specific topics from compulsory literature and are performed using Power Point presentation (in English). The use of a textbook and recommended literature allows students to prepare the lecture topics in advance. Lectures are published on student's portal on the Faculty internet site (e-student). The students are encouraged to read the topic of the forthcoming lecture in advance and to take part in the pro-active discussion.

2. AUDITORIAL EXERCISES and SEMINARS

Students are calculating different forms of tasks, based on realistic input. Task includes the value of customs duty on import and export of goods, calculate the amount of transport insurance for a particular type of goods, calculate transportation costs, etc. During exercises, students are required to have: description and elaboration of the problem which is done during the lecture. The second part of the exercises is development of seminar that student are making during the semester.

Note: Individual and/or group viewing negative written test

Individual at the time of consultation or a designated period after each colloquium and / or written exam. If necessary and at the request of a group of students in the form post exam exercises in order to explain the most common mistakes typical, after discussion with the team responses to individual student issues.





3. DOCUMENTATION

The student's attendance record is kept during the semester. Achievements of goals are recorded by continuous monitoring on information system ISVU. All tests are kept in lecturer's file for one year.

4. SCORING SYSTEM

Each test consists of numerical and theoretical questions (or their combination) in which it is possible to achieve a maximum of 80 points. Students that achieve a total of 20 points or more have an option of taking the second test. Students that achieve a total of 20 points or more on the second test are exempted from a written exam. Students that do not achieve minimum of 20 points have to take a written exam.

The written and oral exam is provided for all students, regardless. To pass the written exam it is necessary to answer 51% of questions correctly, and the grading system is shown in paragraph 4 (Course gradation).

Students are required to attend lectures and exercises. Students that at the end of semester have minimum of 80% of attendance get 20 points (10 points for lectures and 10 points for exercises attendance). Students that do not achieve those points have to take course once again. In the case of justified absences (for more than 3 times during lectures and more than 3 times for exercises), students have to submit medical records or other official records (which are subject of verification). After successful verification process students get 20 points.

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.	I test	20	40	50% minimum	2
2.	II test	20	40	50% minimum	2
3.	Seminar paper	10	10	Accepted paper	0,5
4.	Presence	10	10	Presence $\geq$ 70%	0,5
Σ	Overall points:	Σ 60	Σ 100	Overall ETCS points:	Σ 5



Table 2 - Explanation of the credit values in evaluations

CREDITS:	Estimate based on attendance, seminar paper and two colloquies (or written exam) - [4 ECTS]:	The final score [5 ECTS]:
60 - 70	Sufficient (2)	Exemption from the written part of the exam, the final score after oral exam
71 - 80	Good (3)	
81 - 90	Very good (4)	
91 - 100	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/>
- <http://www.fpz.unizg.hr>

Student assistants:

Additional individual work with the students through individual consultations for assignments from auditory exercises and / or research designs from laboratory exercises.