



Curriculum
MANAGEMENT OF TRANSPORT LOGISTICS
(1ST Bologna degree study)

AREMA, ACADEMY FOR LOGISTICS AND MANAGEMENT

1st study year*1st semester*

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
TRANSPORT LOGISTICS BASIC	obligatory	Assoc. prof. dr. Matej Trapečar	Students understand the role of transport and transport logistics, learn about the importance of traffic and transport elements for the success of the logistics system, learn about IT support transport-logistics system and development trends, acquire the planning stages of transport, acquire an understanding of the importance of the choice of modalities and pricing of transport for efficient logistics system.	60	150/5
TRANSPORT LOGISTICS OF GOODS AND PASSENGERS	obligatory	Lecturer mag. Marko Hrženjak	Students gain knowledge in the field of logistics transport of goods and passengers transport logistics. Learn about the basic attributes of both systems in order to identify differences and fixing common points.	70	180/6
LOGISTICAL INFRASTRUKTURES AND TRAFFIC ORGANIZATION	obligatory	Assoc. prof. dr. Sašo Murtič	Students gain knowledge on the substantive areas of expertise, particularly targeted in the management of infrastructure and logistics engineering and its organizational structure such as management of the development strategy of the profession and infrastructure planning.	80	210/7
PROFESSIONAL TERMINOLOGY IN FOREIGN LANGUAGE (ENGLISH OR GERMAN)	obligatory	Lecturer Nataša Jakob	The aim of the course is that the student learns the basic concepts in the field of logistics, transport and selected topics in the field of management in a foreign language (English or German). By studying those areas, students will acquire the necessary theoretical, methodological and practical skills for further independent work and	70	180/6

			the work carried out in the transport logistics in a foreign language.		
SUSTAINABLE TRANSPORT AND ENVIRONMENTAL PROTECTION	obligatory	Lecturer Ingrid Uhernik Franko, mag.	The aim of the course is to acquaint students' knowledge of the basic principles of sustainable development, understanding of the principles of the ecosystem balances, knowledge and application of environmental law, know the state of the environment and the strategies and programs at EU, national, regional and local level, to understand the impact of transport on the environment and how plan the placement of traffic in the area with minimal impact on the environment know how to use environmental legislation in their daily work and also have financial savings.	70	180/6

2ND Semester

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
IT IN LOGISTICS	obligatory	Lecturer. mag. Tilen Medeot	Students will learn: <ul style="list-style-type: none"> • about the importance of computer and IS in logistics • basics of modern IT • fundamental concepts of computer supported logistical IS • about safety and security of IT. 	90	240/8
LABOUR LAW AND LABOR RELATIONS IN LOGISTICS	obligatory	Assoc. prof. dr. Patricija Jankovič	The aim of this course is to train students to deal with specific problems in modern labour law, with specific stress on personnel management in small, medium and large enterprises.	70	180/6

ELECTIVE COURSE	elective	The lecturer is determined by the selection of an elective course		70	180/6
PROJECT WORK I.	Praxes	Assoc. prof. dr. Patricija Jankovič	The aim of this course is to train students to deal with specific problems in the company or institution. Key competences that students gain to show the correct approach to the treatment of the issue and search for solution to a problem in practice.	10	300/10

2nd study year

3rd semester

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
TRANSPORT MEANS IN LOGISTICS	obligatory	Lec. mag. Marino Medeot	The aim of this course is to enable students to understand and manage assets in transportation and logistics, and their organizational structures. Key competences acquired by the student to indicate the correct approach to addressing problems and finding solutions to the problem in practice.	90	240/8
TRANSPORT MANAGEMENT	obligatory	Prof. dr. Andrej Raspor	The aim of this course is to provide organizational and business skills to work in the transportation and freight forwarding companies and enterprises accompanying activities. Key competences acquired by the student to indicate	90	240/8

			the correct approach to addressing problems and finding solutions to the problem in practice.		
INTELLIGENT SYSTEMS IN LOGISTICS	obligatory	Assoc. prof. dr. Sašo Murtič	The aim of the course is to acquaint students with the introduction of autonomous systems in logistics, namely intelligent systems that enable greater economic effects, especially the goal is to make students aware of how important in the generational development of industry and society coexistence of natural and artificial intelligence also in the field of service activities and to follow the achievements of science.	80	210/7
SAFETY IN LOGISTICS AND WORK PROCESSES	obligatory	Lec. mag. Marko Hrženjak	Students gain knowledge in the field of logistics transport of goods and passengers transport logistics. Learn about the basic attributes of both systems in order to identify differences and fixing common points.	80	210/7

4th semester

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
PLANNING IN LOGISTICS	obligatory	Lec. mag. Marino Medeot	The aim of the course is that the student learns and understands the procedures and methods in planning in general and in logistics. To understand the role of actors and actions in the planning process, to assimilate the techniques of logistics information and to learn about methods of assessment and evaluation of the results of the measures.	90	240/8

ELECTIVE COURSE	elective	The lecturer is determined by the selection of an elective course		70	180/6
ELECTIVE COURSE	elective	The lecturer is determined by the selection of an elective course		70	180/6
PROJECT WORK II.	Praxes	Assoc. prof. dr. Patricija Jankovič	The aim of this course is to train students to deal with specific problems in the company or institution. Key competences that students gain to show the correct approach to the treatment of the issue and search for solution to a problem in practice.	10	300/10

3rd study year

5th semester

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
CONTRACT LAW IN LOGISTICS	obligatory	Assoc. prof. dr. Patricija Jankovič	The aim of the course Contract law is to acquaint students with the basic legal institutions that occur most frequently in the obligations of economic operators (modes of the obligation, the effects of obligations, transfer of obligations, consolidation and change their ways and recommitment). In addition, the course is designed to show those special contracts appearing in land, sea and air	90	240/8

			traffic Learning material includes, in particular, in the context of theoretical exercises, including finding solutions to practical problems in the field of economic transactions.		
ECONOMIC OF LOGISTICS SYSTEMS IN TRANSPORT	obligatory	Prof. dr. Borut Vojinović	<p>Students in this course:</p> <ul style="list-style-type: none"> • systematically build a theoretical knowledge in the field of logistics costs; • be able to apply theoretical knowledge of the specific complex cases in the field of external supply logistics; • critical apply a holistic approach to studying logistics costs and services; • carry out the critical assessment based on solid theoretical foundation. <p>Furthermore, students acquire:</p> <ul style="list-style-type: none"> • the basics concepts of business economics; • learn about the usefulness of economic thinking and the main economic the theory of supply and demand, theory of production and cost theory, and become familiar with some new theories company; • learn about the basic elements for a successful Solving economic problems and making business decisions key areas of the company and the links between them. 	90	240/8
DIGITAL TOOL MANAGEMENT	obligatory	Lec. mag. Tilen Medeot	<p>Students will learn</p> <ol style="list-style-type: none"> 1. Business Support Tools 2. How to organize remote work 3. Systems that support processes in logistics <p>How to use different online platforms for (digital) business implementation</p>	80	210/7
MANAGEMENT OF SMALL ENTERPRISES	obligatory	Lec. mag. Igor Prah	<p>Students in this course:</p> <ul style="list-style-type: none"> • systematic upgrade theoretical knowledge in the field of management of small organizations; 	80	210/7

			<ul style="list-style-type: none"> • be able to apply theoretical knowledge in practical complex cases from the particularities of the management of small organizations; • critically apply managerial approach to the study of developmental problems of small organizations; • carry out the critical assessment, based on a solid theoretical foundation. 		
--	--	--	--	--	--

6th semester

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ECTS
SUPLY CHAIN MANAGEMENT	obligatory	Lec. mag. Stanko Vegelj	The aim of this course is to provide knowledge in the field of supply chain management and by educated about the importance of an integrated management processes in the supply chain.	90	240/8
GLOBAL LOGISTICS FLOWS	obligatory	Lec. mag. Marino Medeot	Students gain knowledge in the field of international transport of goods with a focus on international integration between the various integrations of multimodal transport logistics. They learn the basic attributes of global systems integration and strengths and weaknesses of the system part of the international logistics operator. Learn about the legality of legal work duties and freight forwarders and other participants in global supply chains.	70	180/6
ELELCTIVE COURSE	elective	The lecturer is determined by the		70	180/6

		selection of an elective course			
DIPLOMA THESES	obligatory	The mentor is determined by the selection of the thesis topic	Objectives of diploma work are to encourage student for professional and scientific work. Student has to create a discussion of selected subject and use suitable methods.	20	300/10

ELECTIVE COURSES

Course	Course type	Lecturer	Short summary of objectives and competences	No. of contact hours	hours/ ECTS
COMMUNICATION IN LOGISTICS	elective	Lec. Nadja Bezenšek	<p>The aim of this course is to train students for mastery of the techniques of project communication in transport logistics and use of the software. Student will cope:</p> <ul style="list-style-type: none"> • the presentation of the importance and role of project communication in terms of visibility organizations; • goals and strategies of project communication; • production of project communication plan; • use of different media, presentation tools of project communication; • presentation of the methods of determining; • budget and ways to measure the effectiveness of project communication. <p>By studying these areas, students will acquire the necessary theoretical, methodological and practical knowledge for further work independently and implementation of project communication.</p>	70	180/6
LOGISTICS IN TOURISM	elective	Assoc. prof. dr. Patricija Jankovič	<p>The students get to know the basis of logistics processes in tourism. They get to know individual transport branches with the main emphasis on the means of transportation and</p>	70	180/6

		Assoc. Prof. dr. Sašo Murtič	their exploitation. Taking care of the passengers' needs in the entire sequence of a journey, from the beginning to the final destination. Special emphasis: recognizing tourist flow on a local, regional and global level, which shall present to the students the complexity and dynamics in solving practical problems.		
PROJECT MANAGEMENT	elective	Lec. mag. Igor Prah	<p>In this course students:</p> <ul style="list-style-type: none"> • present current strategic developments at home and abroad, contributing to the establishment of input design strategies and thus projects in multiple operations and programs, projects in different organizational environments; • present various models of the management process of the vision, mission, strategies and projects; • acquainted with the methods of preparation momentum strategies and models of project implementation strategies; • acquainted with the ways and methods for the preparation of the project, financial and other plans; • parse connectivity project, strategic and management at start up, implementation and management of projects in different environments. 	70	180/6
SELECTED THEMES IN BUSINESS LAW	elective	Assoc. prof. dr. Patricija Jankovič	<ul style="list-style-type: none"> • get the basic conception and institutes of the Law in the national legal system; • be familiarised with elements of corporation law and are aware of interdependence between them; • e familiarised with types, founding, transforming and cessting of the companies; 	70	180/6

			<ul style="list-style-type: none"> • learn to express themselves accurately in applying the legal rules; • be familiarised with the law. 		
ETHICS AND PROFESSIONAL STANDARDS	elective	Assoc. prof. dr. Patricija Jankovič	Acquaint students with the Concepts and professional and business ethics. The main objectives of the course are: discussion about the importance of culture and ethics in business, presentation of different theoretical and methodological approaches to the study of ethics. These objectives can be achieved on the basis of knowledge of the role and importance: professional and business ethics in the context of a comprehensive ethics (ie. Personal ethics, business ethics, professional and social ethics), ethics in business ethics and the impact on the environment. The students will gain the necessary knowledge (and knowledge) for further study, training and self-building in the field of professional and business ethics.	70	180/6
QUALITY MANAGEMENT	elective	Lec. mag. Igor Prah Lec. Robert Mašera, mag.	In this course students: <ul style="list-style-type: none"> • learn theoretical knowledge in the field of total quality management (TQM) and are able to apply it; • gain the ability to apply their theoretical knowledge in practical problems in the field of TQM; • acquire systems approach to analysis of TQM and are able to critically evaluate it; • make critical judgements based on a sound theoretical base. 	70	180/6
MANAGEMENT OF LOGISTICS PROCESSES	elective	Assoc. prof. dr. Sašo Murtič	The aim of the course is that the student becomes familiar with the basic concepts of planning logistics processes and analysis of the situation as a basis for planning. Learn about the	70	180/6

			interdependence of planning and logistics processes of the entire logistics system planning and trade flows in the logistics system and capacity planning of logistics infrastructure.		
INNOVATION MANAGEMENT	elective	Assoc. prof. dr. Patricija Jankovič	<p>The main objective of the subject courses is to acquaint students with the importance of innovation for the existence of society as a whole. The student will acquire the following competence:</p> <ul style="list-style-type: none"> • knowledge and understanding of the economic and legal importance of knowledge and industrial innovation in the modern market economy; • knowledge and understanding of the characteristics of knowledge management, innovation and intellectual property • the ability of recognizing, monitoring and analysing specific approaches to knowledge management and innovation; • the ability to use creative skills in the business environment; • wide analytical capability of understanding the processes related to innovation policy. 	70	180/6
FORENSIC TRAFFIC ACCIDENT INVESTIGATION	elective	Assoc. prof. dr. Matej Trapečar	<p>In this course students:</p> <ul style="list-style-type: none"> • become familiar with the concepts of forensics, forensic investigation and forensic evidence; • learn about the elements of traffic safety; • learn about the activities of the crime/traffic accidents scene; • acquire knowledge to solve simple form of traffic accidents; 	70	180/6

			<ul style="list-style-type: none"> • learn the basic forensic laboratory investigation; • become familiar with the procedures of identifying the victims of traffic accidents; • understand the importance of biometric elements. 		
MARKETING IN LOGISTICS	elective	Red. prof. dr. Borut Vojinović	<p>The aim of this course is:</p> <ul style="list-style-type: none"> • Getting to know the importance of the service sector of the economy and the characteristics of services and the challenges they pose for marketers. • a detailed discussion of the components of the extended marketing mix in the marketing of services and the highlighting of problems in understanding and measuring the quality of services and • consideration of practical examples and, based on these, introducing students to approaches and tools for effective implementation of marketing in a service organization. • Systematic acquisition of theoretical knowledge in the field of marketing; • students are trained to use theoretical knowledge in concrete cases from the field of development and management of existing and new products and services and 	70	180/6