

## Curriculum Logistics and Information Management (LIM) - B.Sc.

Term	Modules and related courses	Credit points
1 30 credit points	<b>LIM 1: Introduction to Computer Science</b>	6
	Introduction to Computer Science	
	Introduction to Computer Science - Lab	
	<b>LIM 2: Introduction to Mathematics</b>	7
	Introduction to Mathematics	
	<b>LIM 3: Introduction to Business Administration</b>	6
	Introduction to Business Administration	
	<b>LIM 4: Bookkeeping and Accounting</b>	6
	Bookkeeping and Accounting	
<b>LIM 5: Soft Skills and Conflict Management</b>	5	
Communicating, Presenting, Facilitating Meetings		
Conflict Management		
2 30 credit points	<b>LIM 6: Applied Computer Science</b>	6
	Applied Computer Science	
	Applied Computer Science - Lab	
	<b>LIM 7: Applied Mathematics</b>	6
	Applied Mathematics	
	<b>LIM 8: Cost Accounting and Cost Management</b>	6
	Cost Accounting and Cost Management	
	<b>LIM 9: Transport Industry and Mobility</b>	6
	Transport Industry and Mobility	
<b>LIM 10: Fundamentals and Applications of Private Business Law</b>	6	
Fundamentals of Private Business Law		
Application Scenarios in Private Business Law		
3 30 credit points	<b>LIM 11: Operations Research</b>	6
	Operations Research	
	Operations Research – Lab	
	<b>LIM 12: Web Business</b>	6
	Web Business	
	Web Business – Lab	
<b>LIM 13: Digitization in Supply Chains</b>	6	
Digitization in Supply Chains		

Term	Modules and related courses	Credit points
	Digitization in Supply Chains - Lab	
	<b>LIM 14: Information Management in Logistics</b>	6
	Information Management in Logistics	
	Information management in logistics - Lab	
	<b>LIM 15: Logistics Service Management</b>	6
	Logistics Service Management	
4 31 credit points	<b>LIM 16: Database Systems</b>	6
	Database Systems	
	Database Systems - Lab	
	<b>LIM 17: Internal Logistics and Process Management</b>	7
	In-house Logistics and Process Management	
	Logistics Laboratory	
	<b>LIM 18: External and Green Logistics</b>	6
	External and Green Logistics	
	<b>LIM 19: Automatable Methods for Logistics</b>	6
	Automatable Methods for Logistics	
<b>LIM 20: Investment and Financing</b>	6	
Investment and Financing		
5 28 credit points mobility window	<b>LIM 21: Networks and Web Applications</b>	8
	Networks and Web Applications	
	Networks and Web Applications - Lab	
	<b>LIM 22: Inventory Management</b>	8
	Inventory Management and Optimization	
	Technical Systems of Inventory Management	
	<b>LIM 23: Specialization Module I (*)</b>	8
	Specialization Module I	
	<b>LIM 24: Electives I and II (**)</b>	4
	Elective I	
Elective II		
6 31 credit points	<b>LIM 25: Optimization in Logistics</b>	6
	Optimization in Logistics	
	Optimization in Logistics - Lab	
	<b>LIM 26: IT Project Management</b>	6
	IT Project Management	

Term	Modules and related courses	Credit points
	IT Project Management - Lab	
	<b>LIM 27: Strategic Management in Logistics</b>	6
	Strategic Management in Logistics	
	<b>LIM 28: Specialization Module II (*)</b>	8
	Specialization Module II	
	<b>LIM 29: Thesis</b>	5
7 30 credit points	<b>LIM 30: Supervised Internship</b>	15
	Supervised Internship	
	<b>LIM 31: Bachelor's Thesis and Defense</b>	15
	Bachelor's Thesis	12
	Thesis Defense	3
	Total:	210

(\*) A specialization module to be selected from the catalog of specialization modules (see below)

(\*\*) Two mandatory electives to be selected from the catalog of mandatory electives (see below)

## Catalog of Specialization Modules and Mandatory Electives

for the degree programs

Logistics Management,  
 Logistics Management part-time in industry with integrated vocational training,  
 Logistics and Information Management,  
 Logistics and Information Management part-time in industry with integrated vocational training,  
 Mobility and Passenger Transport Management,  
 Industrial Engineering Focusing on Mobility and Traffic

### Specialization Modules:

Modules and related courses	Credit points
<b>SPM 1: Cooperation Management</b>	8
Cooperation Management in the Field of Logistics Cooperation Management Projects	
<b>SPM 2: Special Topics of the Transport Industry</b>	8
Transport, Infrastructure and Pricing Policy Current Problems of Freight Transport	
<b>SPM 3: Airline and Airport Management</b>	8
Airline Management with Seminar Airport Management	
<b>SPM 4 Human Resources</b>	8
Human Resources Labor Law	
<b>SPM 5: Business Application Systems</b>	8
Building Blocks of Business Application Systems in Logistics Implementation of Logistics Application Systems	
<b>SPM 6: Process Management in Logistics and Supply Chain</b>	8
Process Management in Logistics and Supply Chain Exercises / Projects	
<b>SPM 7: Optimization of Transport and Traffic</b>	8
Modeling and Quantitative Solutions Computer-Aided Optimization	
<b>SPM 8: Applied Market Research</b>	8
Introduction to Applied Market Research Project	
<b>SPM 9: Electromobility</b>	8
Introduction to Electromobility Electric Drives	

Modules and related courses	Credit points
Current Topics Electromobility	
<b>SPM 10: Specialization in Overland Transport Technology</b>	8
Specialization in Rail Transport	
Specialization in Road Transport	
<b>SPM 11: Integrated Network Planning</b>	8
Integrated Network Planning	
Case Studies of Integrated Network Planning	
Integrated Interface Planning	

### Mandatory Electives:

Modules and related courses	Credit points
<b>WPF 1: Practical Philosophy - erroneous paths you'd better leave to others</b>	2
Practical Philosophy - erroneous paths you'd better leave to others	
<b>WPF 2: International Summer School Traffic and Infrastructure</b>	2
Summer School with Széchenyi István University (Hungary)	
<b>WPF 3: Cost and Activity Accounting Goods Transport Land/Sea</b>	2
Cost and Activity Accounting Goods Transport Land/Sea	
<b>WPF 4: Current Issues in the Maritime and Seaport Industries</b>	2
Current Issues in the Maritime and Seaport Industries	
<b>WPF 5: Introduction to SAP</b>	2
Introduction to SAP	
<b>WPF 6: Practical Modeling and Robot Programming</b>	2
Practical Modeling and Robot Programming	
<b>WPF 7: Management of Working Time</b>	2
Management of Working Time	
<b>WPF 8: Management of Non-Profit Organizations</b>	2
Management of Non-Profit Organizations	
<b>WPF 9: Rail Transport in Practice</b>	2
Rail Transport in Practice	