

# Logistics Management 3rd. Semester

**Programme:**

AP Degree Programme in Logistics Management

**Semester:**

3. Semester of the programme.

**Pre-requisites:**

A foreign qualification from a similar major, up to 1-2 years of logistics and/or supply chain and/or business

**Availability:**

Autumn Semester: (end August – January)

**Programme information for exchange (Learning Agreement):**

For a detailed course description kindly refer to the programme curriculum found under programme information on <http://zibat.dk/curriculums-ordinary-programmes/>.

**Semester overview:**

<i>Study Programme at the Receiving Institution</i>				
<b>Planned period of the mobility: from [month/year] ..... to [month/year] .....</b>				
<b>Before the mobility</b>		<b>Component/course title</b> (as indicated in the course catalogue)	<b>Semester</b> [e.g. autumn/spring; term]	<b>Number of ECTS credits</b>
	LOG3	<b>Distribution</b> (Mandatory)	<b>Autumn</b>	<b>7</b>
	LOG3	<b>Project Management</b> (Mandatory)	<b>Autumn</b>	<b>4</b>
	LOG3	<b>Transportation law</b> (Mandatory)	<b>Autumn</b>	<b>4</b>

	LOG3	<b>Supply Chain Management</b> (Mandatory)	<b>Autumn</b>	<b>5</b>
	LOG3	<b>Innovation and Marketing</b> (Elective)	<b>Autumn</b>	<b>10</b>
	LOG3	<b>Digital Track</b> (Elective)	<b>Autumn</b>	<b>10</b>
				<b>Total: 30 ECTS</b>
<p>Web link to the course catalogue at the Receiving Institution describing the learning outcomes:</p> <p><a href="http://zibat.dk/curriculums-ordinary-programmes/">http://zibat.dk/curriculums-ordinary-programmes/</a></p>				

### Semester and Course Description:

The full program and course structure is organized thematically under a number theme.

The overall objective of theme 5; Distribution; is to give the student insight into the movement of the finished goods from the company's warehouse through to the customer. This includes the challenges that are involved when goods or packaging is returned from the customer

The theme is covered by 3 mandatory courses (Distribution, Project Management and Transportation Law) in total 15 ECTS. Besides the theme related course offer, the semester includes a further mandatory component, 5 ECTS.

10 ECTS is covered by elective components. Three courses are offered and the student must select 2 to reach the full semester credits, 30 ECTS.

<b>Component title at the Receiving Institution</b> (as indicated in the course catalogue)	<b>Course Component Description</b>
<b>Distribution</b> (Mandatory)  Part of theme 5	Types of goods, infrastructure and environment in relation to transport possibilities, various players in the transport market and their workspaces and tools, different types of goods and containers, business content of the contract and Incoterms 2010, and liability rules of the various transport laws, various certifications and quality control systems as a carrier may apply, warehouse importance of strategic planning and supply chain as a whole. <ul style="list-style-type: none"> <li>• Introduction to logistics and distribution.</li> <li>• Integrated logistics and supply chain.</li> <li>• Customer services and logistics.</li> </ul>

	<ul style="list-style-type: none"> <li>• Channels of distribution.</li> <li>• Supply chain segmentation</li> <li>• Logistic network planning.</li> <li>• Basic inventory planning.</li> <li>• Principles of warehousing.</li> <li>• Storage and handling systems (pallet).</li> <li>• Storage and handling systems (non-pallet).</li> <li>• Order picking and packing.</li> <li>• Receiving and dispatch.</li> <li>• Company visit and case. More information will follow.</li> <li>• Warehouse design.</li> <li>• Warehouse management and information.</li> <li>• International logistics: Modal choice.</li> <li>• Maritime transport.</li> <li>• Air transport.</li> <li>• Rail and intermodal transport.</li> <li>• Road freight transport: Vehicle selection.</li> <li>• Road freight transport: Vehicle costing.</li> <li>• Road freight transport: Planning and resourcing.</li> </ul>
<p><b>Project Management</b> (Mandatory)</p> <p>Part of theme 5</p>	<p>Managerial and individual circumstances when a project must be constituted in relation to creating the best possible performance, The most common project tools which can be advantageously used for managing a project, The interaction between a temporary project and a permanent organization, Change and Innovation.</p>
<p><b>Transportation law</b> (Mandatory)</p> <p>Part of theme 5</p>	<p>Knowledge of the buying legal consequences of disposal over the goods, knowledge of the rules which apply for a through and a multimodal transport, understands when there is a need to insure the goods and choice of type of insurance, knowledge of the transport documents and their probative value, identification, negotiability and right of disposal, knowledge of the sender or recipient as a transport buyer, including the importance of the rules of INCOTERMS 2010, rules for intermediary and storage responsibility of the NSAB 2000, and be able to understand the difference between the two liability concepts.</p>

	<ul style="list-style-type: none"> <li>• Transport responsibility</li> <li>• Transport documents</li> <li>• Transport legislation</li> <li>• Jurisdiction clauses</li> <li>• Understanding of Venue and Law.</li> <li>• Ciscg</li> <li>• Remburs</li> </ul>
<p><b>Supply Chain Management</b> (Mandatory)</p>	<p>Flow of information in the enterprise and supply chain, relation strategies in logistical perspective, performance management in the enterprise, the customer-driven supply chain, the company's IT / ERP systems constraints and opportunities for the supply chain., network management and supply chain integration, benchmarking and Risk management.</p> <ul style="list-style-type: none"> <li>• Introduction to Operations and SCM.</li> <li>• Sales and Operations Planning</li> <li>• Forecasting</li> <li>• Managing Inventory throughout the Supply Chain.</li> <li>• Managing Production across the Supply Chain.</li> <li>• JIT/LEAN Production</li> <li>• Managing projects</li> <li>• Business Processes</li> <li>• Managing Quality</li> <li>• Complexity and the supply chain</li> <li>• Managing the global pipeline</li> <li>• Overcoming the barriers to supply chain integration</li> <li>• Creating a sustainable supply chain</li> <li>• The supply chain of the future</li> </ul>
<p><b>Innovation and Marketing</b></p>	<p>The purpose of the course is to give the student an opportunity to gain insight into how an ERP system supports both financial and logistical processes in a company. In addition, the student becomes familiar with a functional management tool in connection with the completion of projects within the company.</p>

<p>(Elective)</p>	<p><b>Innovation:</b></p> <ul style="list-style-type: none"> <li>• Innovation context introduction to Design thinking</li> <li>• Business Model Generation (BMG),</li> <li>• How to create a success Working with the canvas</li> <li>• Create a strategy for the innovation platform</li> <li>• Canvas model</li> </ul> <p><b>Marketing:</b></p> <ul style="list-style-type: none"> <li>• Marketing context introduction to Value Proposition and Business Model Generation (BMG), brainstorming, Customer profil value Map and fit</li> <li>• Working with Canvas model</li> <li>• Create a strategy for the innovation platform</li> <li>• Working with the marketing class, strategy and product developing.</li> </ul>
<p><b>Digital Track</b> (Elective)</p>	<p><b>Objective:</b> The student is to acquire the knowledge, skills and competencies required to conduct coordinating, advisory and strategic functions using appropriate methodologies for the purpose of developing, implementing and maintaining the digital appearance on different digital platforms of relevance to the public and private service industry.</p> <p>This covers everything from a simple information-based website, a content management system and a digital banner to an experience-based museum application or a digital service solution spanning different platforms.</p> <p>The elective is based on theory relating to the subject area and therefore involves interaction between the different compulsory courses in the degree programme.</p> <p><b>Design Thinking 1</b> Interpretation and Idea Generation, and Research. Research of the Case Make a blog</p> <p><b>Design Thinking 2</b></p>

Interpretation & personas

Blog: Visual reminder of interpretation: themes & statements

Blog: Persona

### **Ideation & Visual**

#### **Identity**

Basics of graphic design, Typefaces, Logos, Colors, Gestalt Principle, and moodboard.

Blog: Moodboard

### **Introduction to Wix**

#### **Designing Interactive**

#### **systems**

Web design, wireframes & social media

Blog: Wireframes

### **Prototyping**

Prototyping in Wix,

Showcase preparations, and problem formulation.

#### **Approval of problem**

#### **formulation**

Blog: Design solution

Showcase