

**Program: Master of Science in Management (M.Sc.), full-time**

**Module: Logistics & Supply Chain Management**

**Course: IT-based Logistics**

**Course No.:** *wird durch Studienabteilung eingetragen* **Credits: 3**

**Lecturer: Prof. Dr. Iris Hausladen**

<p><b>Objectives</b></p>	<p>Globally networked value chains nowadays hardly work without the application of information and communication technologies. As a consequence nowadays Logistics emerges in most cases as IT-based Logistics.</p> <p>The main objective of the course is to introduce how IT-based Logistics looks like and to impart knowledge as regards applications fields, instruments and technological foundations of present-day IT-based Logistics.</p> <p>Besides theoretical aspects, for example Business Process Orientation and Supply Chain Management as a conceptual framework, the practical point-of-view of IT-based Logistics will be the main focus. After the course students will be able to describe and to evaluate current applications in the Field of IT-based Logistics.</p>
<p><b>Content</b></p>	<ul style="list-style-type: none"> <li>• Concept and Theoretical Basis of IT-based Logistics</li> <li>• Business Models, Strategy Development and Service Engineering in the Field of IT-based Logistics</li> <li>• Application Fields of IT-based Logistics</li> <li>• Solutions of IT-based Logistics</li> <li>• Technological basis of IT-based Logistics</li> <li>• Economic potential of IT-based Logistics</li> </ul>
<p><b>Teaching Methods</b></p>	<p>Depends on the number of participants:</p> <ul style="list-style-type: none"> <li>• Interactive Lectures</li> <li>• Case Study Work</li> <li>• Discussions</li> <li>• Workshop</li> <li>• Business Games</li> <li>• Guest speeches</li> </ul>
<p><b>Conditions of participation</b></p>	<p>Admission to the HHL MSc Program.</p>
<p><b>Application, combination and frequency</b></p>	<p>The course is part of the elective module “Logistics &amp; Supply Chain Management” and can only be chosen in combination with all other courses of the module. The contents are matched with the other lectures within the module “Logistics &amp; Supply Chain Management”. The course is held once a year.</p>
<p><b>Conditions for Credit Points and grades</b></p>	<p>Credit Points are awarded for passing the module “Logistics &amp; Supply Chain Management”. The module is passed if the weighted average of the single grades of the courses is 4.0 or better. The grade of the course is determined by the weighted average of the single grades of the examinations.</p>

	<p>The course contains the following examinations:</p> <ul style="list-style-type: none"><li>• Written Exam (60 %) and</li><li>• Group / Case Work (40%)</li></ul> <p>The grades range from 1 to 5.</p>
<b>Workload</b>	<p>The course "IT-based Logistics" accounts for 3 ECTS, which are equivalent to a total workload of 90 hours (approx. 24 hours of classes, 6 contact hours, and 60 hours of preparation and self study).</p>
<b>Duration</b>	<p>The course extends over one term.</p>
<b>Literature</b>	<p>Course related literature will be indicated at the beginning of the module.</p>