

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

Module: Logistics & Supply Chain Management

Module No.: *wird durch Studienabteilung
eingetragen*

Credits: 8

Lecturer: Prof. Dr. Iris Hausladen

<p>Learning objectives and outcomes</p>	<p>The module aims at introducing deepened knowledge in the context of Logistics & Supply Chain Management, especially under consideration of the specific function/ role of Information and Communication Technologies (ICT).</p> <p>The students should understand the Logistics as well as the Supply Chain Management as a cross-functional, nowadays within a global and complex network surrounding proceeding paradigm. They should understand the strategic relevance of both approaches, especially by considering the ICT relevance and benefits on logistics as well as on supply chain processes. After the courses “IT-based Logistics” and “Supply Chain Management” as elements of this module the students are expected to dispose over analysis and assessment competences as regards strategies, methods, tools, procedures of modern Logistics & Supply Chain Management.</p> <p>They should be able to verbalize relations and interdependencies to nearby disciplines of an Integrated Business Management approach. In the end the students should be able to evaluate and balance economic, ecological and social aspects as part of a sustainable, effective and responsible leadership understanding.</p>
<p>Content</p>	<p>Modern Logistics & Supply Chain Management (SCM) focuses on the design of optimal material and information flows within national and international value creation chains satisfying the demands of internal as well as of external customers.</p> <p>This task implies the coordination of the plural interests of companies, logistical service providers and organizations performing logistics-oriented services. Globally networked value chains nowadays hardly work without the application of information and communication technologies. As a consequence Logistics & Supply Chain Management emerge today in most cases as IT-based Logistics/ E-SCM. Thus the business focus has to be cross-contextually, especially intertwined with the information science perspective.</p> <p>The module pursues a profound process orientation and points out concepts, strategies, ways, methods, and (IT-) Tools in order to plan, design, realize and to monitor/ control efficient logistics processes along the sustainable supply chain.</p> <p>Therefore the following scientific approach is chosen:</p> <ul style="list-style-type: none"> • Cyclic deductive and inductive procedure • Interdisciplinary and context-networking point of view (IT & Business context) • Empirical testing of scientific findings • Continuous theory-practice transfer (paradigm “from theory to practice” & “from practice to theory”) • From basic to exponential • From simple to complex • From general to specific

	<p>The scientific framework is reflected by the didactical guideline that is coined by an activity- and experience-based learning approach. Professional competence and partly methodological competence is tested via problem-oriented written exams (Take-Home Exam). Personnel/ social and intercultural competence is shown during case and team work sections, including the verbal presentation of the results achieved.</p> <p>To realize the learning targets and the expected outcome a “multi-theory” approach is followed. Thus the course basis relates to an interdisciplinary combination of different theoretical approaches, like for example:</p> <ul style="list-style-type: none"> • Logistics Management theory • Supply Chain Management theory • Information & Communication Technology Management • Core competence approach & Outsourcing concepts • Value Creation Management theory • Strategic Management approaches • Scientific concepts of Organizational Development & Change Management • Different approaches of Business Process Management • Sustainability theory • Controlling & Risk Management theory • Motivation & Incentive theory • Corporate Culture & Intercultural Management approaches
Conditions of participation	Admission to the HHL MSc Program.
Application, combination and frequency	<p>The module “Logistics & Supply Chain Management” (including the supplementing requirements) is an elective module for all students, it consists of the following 2 courses:</p> <ul style="list-style-type: none"> • IT-based Logistics (4 ECTS) • Supply Chain Management (4 ECTS) <p>Students, who have chosen the module “Logistics & Supply Chain Management”, have to participate in all courses of the module. The module is held once a year.</p>
Conditions for Credit Points and grades	<p>Credit Points are awarded for passing the module “Logistics & 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 grades range from 1 to 5.</p>
Workload	The module “Logistics & Supply Chain Management” accounts for 8 ECTS, which are equivalent to a total workload of 240 hours (approx. 48 hours of classes, 12 contact hours, and 180 hours of preparation and self study).
Duration	The module extends over one year.