

Name of course:	Information Systems & Decision Support
p.r.n. in short:	
Name of sub course:	Information Systems in Logistics
Trimester:	Trimester III
Lecturer:	Prof. Dr. Joern Meissner
Language:	English
Program section:	<ul style="list-style-type: none"> • Logistics
Method:	Presentations with projector, integrated tutorials, small case studies, interactive discussions
Amount of time involved:	<ul style="list-style-type: none"> • 27 contact hours • 63 non-contact hours
Credit points:	3 ECTS
Recommended requirements:	None
Learning Outcome Targets:	Transferring knowledge on how new information technologies are used in logistics, the course mentions numerous examples and case studies of practical relevance. Students also learn about the opportunities that these technologies offer and will be able to weigh up the specific advantages and disadvantages by industrial environment.
Content:	<ul style="list-style-type: none"> • Using IT in the supply chain • The relevance of information in the supply chain • Data warehouses • Logistics information systems • Barcode technology • Electronic data interchange (EDI) • XML in supply chains • Warehouse management systems (WMS) • Transportation management systems (TMS) • Vendor-managed inventory, continuous replenishment (CR), collaborative planning, forecasting, and replenishment (CPFR) • Tracking and tracing systems • Global positioning systems • Screening and scanning technologies • Radio frequency identification (RFID) • Electronic sourcing • E-supply chains
Requirements to pass	<ul style="list-style-type: none"> • Oral participation and / or casework and presentation (25%)