

Modulbezeichnung: International Supply Chain Management (ISCM) 5 ECTS
(International Supply Chain Management)

Modulverantwortliche/r: Jörg Franke
Lehrende: Jörg Franke

Startsemester: SS 2019 Dauer: 1 Semester Turnus: halbjährlich (WS+SS)
Präsenzzeit: 60 Std. Eigenstudium: 90 Std. Sprache: Englisch

Lehrveranstaltungen:

Lecture, Course at the Virtual University of Bavaria (vhb). For participation a registration at the vhb is necessary!
International Supply Chain Management (vhb) (SS 2019, Vorlesung, 4 SWS, Jörg Franke et al.)

Inhalt:

Contents: The virtual course intends to give an overview on the main tasks of a supply chain manager in an international working environment:

- Goals and tasks
- Methods and tools
- International environment
- Knowledge and experience of industrial practice
- Cutting edge research on SCM

For practical training, 3 additional Case Studies are executed as part of the course.

Lehreinheiten / Units:

- Integrated logistics, procurement, materials management and production
- Material inventory and material requirements in the enterprise
- Strategic procurement
- Management of procurement and purchasing
- In-plant material flow and production systems
- Distribution logistics, global tracking and tracing
- Modes of transport in international logistics
- Disposal logistics
- Logistics controlling
- Network design in supply chains
- Global logistic structures and supply chains
- IT systems in supply chain management
- Sustainable supply chain management

Lernziele und Kompetenzen:

After having completed this course successfully, the student will be able to

- define the basic terms of supply chain management
- understand important procurement methods and strategies
- name and classify different stock types and strategies
- analyse possibilities for cost reduction in supply chains
- know and differentiate central IT systems of supply chain management
- explain disposal and controlling strategies
- recognise the main issues in international supply networks
- know the possibilities of transformation to a sustainable supply chain
- assess different modes of transport

Verwendbarkeit des Moduls / Einpassung in den Musterstudienplan:

Das Modul ist im Kontext der folgenden Studienfächer/Vertiefungsrichtungen verwendbar:

[1] **Mechatronik (Bachelor of Science): 5-6. Semester**

(Po-Vers. 2009 | TechFak | Mechatronik (Bachelor of Science) | Wahlpflichtmodule | 10 Fertigungsautomatisierung und Kunststofftechnik)

Studien-/Prüfungsleistungen:

International Supply Chain Management (Prüfungsnummer: 49201)

(englische Bezeichnung: International Supply Chain Management)

Prüfungsleistung, Klausur, Dauer (in Minuten): 120

Anteil an der Berechnung der Modulnote: 100%

Erstablingung: SS 2019, 1. Wdh.: keine Angabe

1. Prüfer: Jörg Franke

Organisatorisches:

Only the following aids are allowed during the test:

- non-programmable calculator
- indelible pens
- highlighter
- ruler, triangle ruler, compass
- name stamp

No other aids are permitted (this applies in particular to smartwatches, mobile telephones or other electronic devices).