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

Modulverantwortliche/r: Jörg Franke  
 Lehrende: Jörg Franke

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

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**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.)

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**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

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**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)

Dieses Modul ist daneben auch in den Studienfächern "Berufspädagogik Technik (Bachelor of Science)", "Berufspädagogik Technik (Master of Education)", "Informatik (Bachelor of Science)", "Informatik (Master of

Science)", "International Production Engineering and Management (Bachelor of Science)", "Maschinenbau (Master of Science)", "Mechatronik (Master of Science)", "Wirtschaftsingenieurwesen (Master of Science)" verwendbar.

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### **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

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### **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).