

Topic of the field of supply chain management

The Production as a value-adding process has a significant role in industrial enterprises. The aim of production management is to create a certain basis in certain production areas with regards to all economic aspects.

The Production management covers different questions. It solves problems closely related to the production of goods as well as problems resulting from other sectors like procurement and distribution. These sectors as well as the logistic sector are key functions within the internal production process. Therefore they must be discussed with respect to the aspects of production.

The decisions, which are necessary for an manufacturing company, are explained in the courses of production management from different levels. We will present relevant influencing factors and interdependencies from long term reflections on strategies for production and marketing as well as short term questions conc. production scheduling.

The required methods for a successful study of the production management area will be explained in courses. These methods cover the fields of operations research, probability theories, queueing theory and simulation.

Courses

Winter term 2017/2018

Summer term 2018

Bachelor

Operations und Informationsmanagement	Operationsmanagement
<u>Operations</u>	<u>Operationsmanagement (V/Ü)</u>
<u>Informationsmanagement (siehe Lehrstuhl Prof. Dr. Wilde)</u>	
Logistik: Bestands- und Transportmanagement	Proseminar
<u>Logistik (V/Ü)</u>	<u>Proseminar SCM</u>
Projektmodule	Projektmodule
<u>SCM-Projektstudium</u>	<u>SCM-Projektstudium</u>
<u>Projektstudium Operations Management</u>	<u>Projektstudium Operations Management</u>
<u>Forschungsprojektstudium</u>	<u>Forschungsprojektstudium</u>
Supply Chain Controlling	Strategic Sourcing in Global Markets

Supply Chain Controlling

Strategic Sourcing in Global Markets

Master

Operations Research

Algorithmen und Datenstrukturen

Operations Research

Algorithmen und Datenstrukturen (V)

Algorithmen und Datenstrukturen (Ü)

Simulation

Stochastische Modelle

Simulation

Stochastische Modelle (V/Ü)

Seminare

Seminare

Seminar zum Supply Chain Management

Seminar zum Supply Chain Management

Forschungs - Projektstudium

Forschungs - Projektstudium

Konfigurierung von Produktions- und Logistiksystemen

Operations Scheduling

Konfigurierung von Produktions- und Logistiksystemen

Operations Scheduling

Modellierung und Optimierung

Einführung in die Simulation mit Plant Simulation

Modellierung und Optimierung mit OPL

Einführung in die Simulation mit Plant Simulation

Service Operations

Supply Chain Planning

Service Operations

Supply Chain Planning

Supply Chain Business Game

Object oriented programming in operations and logistics

Modellierung und Analyse von Retail Operations

Objektorientierte Programmierung (V)