

Syllabus  
**BAE2441 Logistics 1**  
Prof. Dr. Moritz Peter

<b>Level</b>	Bachelor	
<b>Credits</b>	3	
<b>Student Contact Hours</b>	2	
<b>Workload</b>	90 Hours	
<b>Prerequisites</b>	None	
<b>Time</b>	s. LSF	
<b>Room</b>	s. LSF	
<b>Start Date</b>	s. LSF	
<b>Lecturer(s)</b>	<b>Name</b>	Prof. Dr. Moritz Peter
	<b>Office</b>	T1.5.23
	<b>Virtual Office</b>	<a href="#">Virtual Office of Prof. Peter</a>
	<b>Office Hours</b>	Wednesday, 15:30-17:00
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## Summary

This course provides an extensive introduction to procurement management as well as supply chain management in general. Thus, in addition to logistical activities this course puts a focus on strategic and operational procurement activities. As a result, the students are meant to be prepared to structure, prepare and execute sourcing as well as core logistical activities in international companies of various industries.

## Outline of the Course

- Logistics and procurement related definitions, methods, history and perspectives for future development
- International procurement logistics, process organization in purchasing, sourcing strategies, supplier management, supplier selection and evaluation, supplier control
- Interaction of procurement and logistical processes
- Distribution and transport logistics, international significance of different kinds of transportation systems, trade-offs in transportation decisions

## Course Intended Learning Outcomes and their Contribution to Program Intended Learning Outcomes / Program Goals

Program Intended Learning Outcomes	Course Intended Learning Outcomes
After completion of the program the students will be able...	After completion of the course the students will be able...
<b>1 Expert Knowledge</b>	
1.3 ...to demonstrate their distinguished and sound competencies in General Business Administration.	...to apply fundamentals of logistics, logistics concepts and procurement and supplier management (e.g. by simulating the procurement process using the SAP system).
<b>2 Digital Skills</b>	
2.1 ...to know and understand relevant IT software tools used in business and their features and have a solid understanding of digital technologies.	...to introduce the digitalization of purchasing in general as well as the relevant IT tools of procurement, in particular ERP-Cloud.
2.2 ...to effectively use and apply information systems to develop solutions in business settings.	...to simulate the procurement process using case studies.
2.3 ...to effectively use digital technologies to interact, to collaborate and to communicate.	...to identify information flows across business units and across corporate boundaries.
<b>3 Critical Thinking and Analytical Competence</b>	
3.1 ...to implement adequate methods in a competent manner and to apply them to complex problems.	...to build a global logistic network.
<b>4 Ethical Awareness</b>	
...to develop sound strategies in the areas of ethics, sustainable development and social responsibility and are able to apply them to typical economic decision-making problems.	...to address sustainability aspects as central aspects of awarding contracts
<b>5 Communication and Collaboration Skills</b>	
<b>6 Internationalization</b>	
6.2 ...to articulate themselves in a professional manner in international business.	...to speak fluent english in business situations.

## Teaching and Learning Approach

Teaching is interactive based on the lecture slides with supplementary textbooks. For a good learning outcome, you are required to read the learning material during the semester and to discuss the outcome of their learning and open questions continuously and in exchange with others.

## Literature and Course Materials

- Chopra, S. (2018): Supply Chain Management: Strategy, Planning, and Operation 7th ed., Pearson, London.
- Heizer, J.; Render, B. (2016): Operations Management, Global Edition, 11th ed., Pearson, London.
- Van Weele, A.J. (2014): Purchasing and Supply Chain Management, 6th ed., Cengage Learning, London.
- Handfield, R. B., Monczka, R. M., Giunipero, L. C., & Patterson, J. L. (2016). Sourcing and Supply Chain Management (6th ed.). Florence, KY: Cengage Learning.
- Lecture slides

## Assessment

60 mins module examination (PLK) for logistics-1 and logistics-2 or controlling (30 mins each)

**Grading scale:** (see SPO, allg. Teil, Neufassung vom 01.09.06, p. 20):

- 1 = excellent (pass grade) = outstanding work;
- 2 = good (pass grade) = work which is far above average
- 3 = satisfactory (pass grade) = average work;
- 4 = sufficient (pass grade) = work with shortcomings which still meets requirements
- 5 = insufficient (fail grade) = work with severe shortcomings, does not meet requirements

## Schedule

The time available will roughly be spend on:

- 20 % Introduction to procurement & supply chain management
- 50 % Procurement management processes
- 30 % Supply chain management

## Code of Conduct for Students

- Read the syllabus
- Practice fair play to your fellow students
- Print and read the abstracts/notes before the lecture/exercise and take a look at it
- Please make sure to be on time and avoid to leave the lectures/exercises early
- Contribute to a pleasant atmosphere (i.e. silence)
- Solve your exercises independently
- Raise questions if you don't understand something

[Link to the Code of Conduct for online Teaching](#)

## **Teaching Philosophy**

I do care about your learning. Therefore, helping you is an important matter to me. If you encounter problems or questions with any aspect of the course, do not hesitate to contact me. I will respond quickly and if it is necessary, we can arrange an appointment.

My main objective is the preparation of Hochschule-Pforzheim students for a successful career in the procurement and/or procurement-logistic function of international companies in various industries. In order to achieve this goal, I would like to appeal and foster the student's heart (motivation), hand (experience) and head (knowledge) through practice-oriented topics and vivid classroom interaction. Hence, if you have problems with your progress in the course or with your group, please see me as early as possible. I do want you to graduate, but you must earn it!

## **Additional Information**

### **Learning objectives and outcomes:**

- The students have a good grasp of the fundamental concepts of procurement and supply chain management in general.
- The students become acquainted with relevant procurement processes and apply their procurement-related knowledge successfully in the case study of this course.
- The students are able to apply their acquired knowledge and methodological skills in order to optimize procurement and supply chain management processes in companies of various sizes and industries

**Language:** English