

Module Handbook

TUK MODHB Homepage

Course WIW-BWL-LOG2-K-2

Logistics II (2K, 3.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
2	K	Lecture with exercise classes and tutorials (V/U/T)	3.0 CP	30 h 60 h
(2K)			3.0 CP	30 h 60 h

Basedata

SWS	2K
CP, Effort	3.0 CP = 90 h
Position of the semester	1 Sem. in SuSe
Level	[2] Bachelor (Fundamentals)
Language	[DE] German
Lecturers	Gschwind, Timo, Prof. Dr. (PROF DEPT: WIW)
Area of study	[WIW-LOG] Logistics
Additional informations	Informations about the course
Lifecycle-State	[NORM] Active

Notice

Size of exercise classes/tutorials:

- tutorials: max. 30 students
- exercise classes: max. 150 students

Contents

The course covers basic concepts, models, and methods for selected topics in transportation:

- Network flows
- Traveling salesman problem and practical extensions
- Vehicle routing
- Postman problems

Literature

Literature:

- Domschke, W. ; Scholl, A.: Logistik: Rundreisen und Touren. 5. Auflage. München, Wien : Oldenbourg, 2010. – ISBN 978-3-486-59093-7
- Grünert, T. ; Irnich, S.: Optimierung im Transport Band II: Wege und Touren. Aachen : Shaker Verlag, 2005

Lecture slides, exercise sheets and additional material in an OLAT course.

Requirements for attendance (informal)

None

Requirements for attendance (formal)

None

References to Course [WIW-BWL-LOG2-K-2]

Module	Name	Context	
[WIW-BWL-LOG2-M-2]	Logistics II	P: Obligatory	2K, 3.0 LP