

## Module Handbook

TUK MODHB Homepage

# Course WIW-LOG-SP-K-7

Facility Location and Network Design (2V+1U, 4.5 LP)

## Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
-	K		4.5 CP	
2	V	Lecture		30 h 60 h
1	U	Lecture hall exercise class		15 h 30 h
(2V+1U)			4.5 CP	45 h 90 h

## Basedata

SWS	2V+1U
CP, Effort	4.5 CP = 135 h
Position of the semester	1 Sem. in SuSe
Level	[7] Master (Advanced)
Language	[EN] English
Lecturers	Gschwind, Timo, Prof. Dr. (PROF   DEPT: WIW)
Area of study	[WIW-LOG] Logistics
Additional informations	<a href="#">Informations about the course</a>
Lifecycle-State	[NORM] Active

## Contents

- Median Problems

- Covering Problems
- Warehouse-Location-Problems
- Center Problems
- Dispersion Problems
- Hub-Location-Problems

## Literature

- Daskin, M. S. (1995). Network and discrete location: Models, algorithms, and applications. Wiley.
- Domschke, W. & Drexl, A. (1996). Logistik: Standorte. De Gruyter Oldenbourg.
- Additional literature will be announced during the lecture.

## Requirements for attendance (informal)

Basic knowledge of linear and mixed-integer optimization

## Requirements for attendance (formal)

None

## References to Course [WIW-LOG-SP-K-7]

Module	Name	Context	
[WIW-LOG-LM-M-7]	Logistics Management	WP: Obligation to choose	2V+1U, 4.5 LP
[WIW-LOG-SP-M-7]	Facility Location and Network Design	P: Obligatory	2V+1U, 4.5 LP