

Module Handbook

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Course INF-41-71-K-7

Communication Systems (Seminar) (2S, 4.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
-	K		4.0 CP	92 h
2	S	Seminar		28 h
(2S)			4.0 CP	28 h 92 h

Basedata

SWS	2S
CP, Effort	4.0 CP = 120 h
Position of the semester	1 Sem. in WiSe
Level	[7] Master (Advanced)
Language	[EN] English
Lecturers	Gotzhein, Reinhard, Prof. Dr. (PROF DEPT: INF)
Area of study	[INF-VS] Distributed and Networked Systems
Lifecycle-State	[NORM] Active

Possible Study achievement

- Verification of study performance: **written elaboration and presentation**
- Examination number (Study achievement): 64171 ("Communication Systems (Seminar)")
- Details of the examination (type, duration, criteria) will be announced at the beginning of the course.

Contents

Selected topics from the area of communication systems, e.g.:

- Fault-tolerant time synchronization
- Cognitive radio
- Binary countdown protocols for wireless networks
- Realtime MAC protocols for wireless networks
- Duty cycling in wireless multi-hop networks

Literature

topic specific literature

Requirements for attendance (informal)

Courses

- [INF-40-01-K-5] Networked Systems (2V+1U, 4.0 LP)

Requirements for attendance (formal)

None

References to Course [INF-41-71-K-7]

Module	Name	Context	
[INF-41-71-M-7]	Communication Systems (Seminar)	P: Obligatory	2S, 4.0 LP
Course-Pool	Name		
[INF-WS_S-KPOOL-7]	Seminars of the teaching area Distributed and Networked Systems		