

Module Handbook

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Course INF-74-82-K-7

Applications of Statistical Artificial Intelligence (Project) (4L, 8.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
-	K		8.0 CP	184 h
4	L	Programming training course		56 h
(4L)			8.0 CP	56 h 184 h

Basedata

SWS	4L
CP, Effort	8.0 CP = 240 h
Position of the semester	1 Sem. in WiSe/SuSe
Level	[7] Master (Advanced)
Language	[EN] English
Lecturers	Lukowicz, Paul, Prof. Dr. (PROF DEPT: INF)
Area of study	[INF-KI] Intelligent Systems
Lifecycle-State	[NORM] Active

Possible Study achievement

- Verification of study performance: **presentation**
- Examination number (Study achievement): 67482 ("Applications of Statistical Artificial Intelligence (Project)")
- Details of the examination (type, duration, criteria) will be announced at the beginning of the course.

Contents

- Possibility to work on current research projects
- Concrete topic is based on current research projects
- Signal processing and data evaluation
- Feature extraction and evaluation of features
- Applications of methods of supervised and unsupervised learning
- Methods of evaluation from the data analysis chain

Literature

will be announced by supervisor depending on concrete needs

Requirements for attendance (informal)

None

Requirements for attendance (formal)

None

References to Course [INF-74-82-K-7]

Module	Name	Context	
[INF-74-82-M-7]	Applications of Statistical Artificial Intelligence (Project)	P: Obligatory	4L, 8.0 LP
Course-Pool	Name		
[INF-KI_P-KPOOL-7]	Projects of the teaching area Intelligent Systems		