

Annex B - Existing Offer Theory Modules

Offer Theory Modules / Recommendation of Modules by the LA per school year 18/19
Adopted by the LA on 21.01.2016
Status: 24.03.2016, Supplement 12.12.17

Note:
You find the .xls file on SwitchDrive
The name of the modules can be different due to the fact that there has been an update in february 2019

Nr.	Module Code	Module name	IT			Z1	Z2	ohne	BEP beo	BEP psi	EE th (Energie thermisch)	EE el (Energie elektrisch)	InTe	InTm	InTm&a (Mechatronics and Automation)	ICTsd (Software Development)	ICT sys (Information Systems)	ICT DS (Data Science)	CEBT	GEO	SDLA
			IT	Z1	Z2																
1	TSM_AdvContr	Fortgeschrittene Regelungstechnik	2	1	0	10	0	0	0	0	0	Z1	E	0	E	0	0	0	0	0	0
2	TSM_AdvEIDes	Advanced Electronic Design	1	0	1	11	0	0	0	0	0	E	0	Z2	0	0	0	0	0	0	0
3	TSM_AdvPrPa	Fortgeschrittene Programmierparadigmen	1	0	0	12	0	0	0	0	0	0	0	0	0	E	0	0	0	0	0
4	TSM_AdvTherm	Fortgeschrittene Thermodynamik	1	0	1	11	0	0	0	0	E	0	0	Z2	0	0	0	0	0	0	0
5	TSM_Alg	Algorithmen	2	1	0	10	0	0	0	0	0	E	0	0	0	E	Z1	0	0	0	0
87	TSM_AppElm	Applied Electromagnetics	1	0	1	11	0	0	0	0	E	Z2	0	0	0	0	0	0	0	0	0
6	TSM_AppMNT	Angewandte Mikro- und Nanotechnologie	1	0	0	12	0	0	0	0	0	0	E	0	0	0	0	0	0	0	0
7	TSM_AppNum	Angewandte numerische Methoden in den Bauingenieurwissenschaften	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	E	0	0
8	TSM_AppPhot	Angewandte Photonik	0	1	1	11	0	0	0	0	0	Z1	Z2	0	0	0	0	0	0	0	0
9	TSM_AutoSys	Automatische Antriebssysteme	1	1	1	10	0	0	0	0	Z1	Z2	0	E	0	0	0	0	0	0	0
35	TSM_BauMech	Technische Mechanik im Civil Engineering	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	E	0	0
10	TSM_BauStat	Baustatik	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	E	0	0
94	TSM_BIM	Building Information Modeling	1	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	Z1	E	0
11	TSM_Build	Zustandserfassung von Bauwerken	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	E	0	0
97	TSM_BusAn	Business Analytics	1	0	0	12	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TSM_Business	International Business	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	TSM_BusStrat	Business Strategy	1	0	0	12	0	E	0	0	0	0	0	0	0	0	0	0	0	0	0
14	TSM_CFD	Berechnung der Zustandsgrößen von Strömungen	1	0	2	10	0	0	0	E	0	0	0	Z2	Z2	0	0	0	0	0	0
89	TSM_CiComp	Cloud Computing	1	1	0	11	0	0	0	0	0	0	0	0	0	Z1	E	0	0	0	0
15	TSM_CSM	Numerische Strukturmechanik (CSM)	1	1	0	11	0	0	0	Z1	0	0	E	0	0	0	0	0	0	0	0
16	TSM_DataMgmt	Data Management	1	1	0	11	0	0	0	0	0	0	0	0	0	0	E	Z1	0	0	0
17	TSM_DesProc	Entwurfsprozesse und -methoden	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	E
18	TSM_DigImPro	Digitale Bildverarbeitung	1	3	1	8	0	0	0	0	0	Z1	0	Z1	Z2	Z1	0	0	0	E	0
19	TSM_Dynamics	Structural Dynamics	0	1	1	11	0	0	0	0	0	0	Z1	Z2	0	0	0	0	0	0	0
20	TSM_ElEnSys	Electrical Energy Systems	1	1	1	10	0	0	0	Z1	E	Z2	0	0	0	0	0	0	0	0	0
21	TSM_EmbHardw	Design of Embedded Hardware and Firmware	1	0	1	11	0	0	0	0	0	E	0	Z2	0	0	0	0	0	0	0
22	TSM_EmbReal	Embedded Realtime Software	0	1	1	11	0	0	0	0	0	Z1	0	0	Z2	0	0	0	0	0	0
92	TSM_EnReTe	Environmental remediation technologies	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	TSM_EntComp	Unternehmensinformatik	0	0	1	12	0	0	0	0	0	0	0	0	Z2	0	0	0	0	0	0
24	TSM_GeoProc	Geoprocessing	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	E	0
25	TSM_GIS	Geoinformationssysteme (GIS)	0	1	2	10	0	0	0	0	0	0	0	0	0	0	Z2	0	0	Z1	Z2
88	TSM_HiVoEn	High Voltage Engineering	1	0	0	12	0	0	0	0	E	0	0	0	0	0	0	0	0	0	0
28	TSM_InfVis	Information Visualization	1	1	1	10	0	0	0	0	0	0	0	0	0	0	Z2	Z1	0	E	0
98	TSM_InnoDes	Novel Innovation and Design Principles	1	0	0	12	0	E	0	0	0	0	0	0	0	0	0	0	0	0	0
29	TSM_IntAuto	Integrierte Automatisierung	1	0	2	10	0	0	0	0	0	Z2	Z2	E	0	0	0	0	0	0	0
30	TSM_ITSec	IT-Sicherheit	1	1	0	11	0	0	0	0	0	0	0	0	0	Z1	E	0	0	0	0
31	TSM_Logistic	International Logistics	1	0	0	12	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	TSM_MachLe	Machine Learning	2	0	1	10	0	0	0	0	0	0	0	0	0	0	E	E	0	Z2	0
32	TSM_ManTech	Manufacturing Technologies	1	0	1	11	0	0	0	0	0	0	E	Z2	0	0	0	0	0	0	0
99	TSM_MarkFor	Market Analysis and Forecasting	1	0	0	12	0	E	0	0	0	0	0	0	0	0	0	0	0	0	0
33	TSM_MatSurf	Materials and Surfaces	1	0	1	11	0	0	0	0	0	0	E	Z2	0	0	0	0	0	0	0
34	TSM_Mechanic	Structural Mechanics	1	2	0	10	0	0	0	Z1	0	0	E	Z1	0	0	0	0	0	0	0
91	TSM_Mechatr	Mechatronics for production and logistic	1	0	2	10	0	0	0	0	0	Z2	Z2	E	0	0	0	0	0	0	0
36	TSM_MobOp	Mobile Operating Systems and Applications	1	0	0	12	0	0	0	0	0	0	0	0	E	0	0	0	0	0	0
37	TSM_MobSys	Hoch entwickelte Mobilsysteme	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	TSM_Multiphy	Multiphysics Modeling and Simulation	1	3	0	9	0	0	0	E	Z1	0	Z1	Z1	0	0	0	0	0	0	0
39	TSM_NatHaz	Naturgefahren	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	E	0	0
40	TSM_NewIPArc	Neue IP-Netzwerkarchitekturen und Mobilität	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	TSM_NPlanPro	Nachhaltigkeit in Planungs- und Entwurfsprozessen	1	0	1	11	0	0	0	0	0	0	0	0	0	0	0	0	Z2	0	E
41	TSM_OpMgmt	Service Operations and Management	1	0	0	12	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	TSM_Photo	Photovoltaics	1	0	0	12	0	0	0	0	E	0	0	0	0	0	0	0	0	0	0
43	TSM_PowElSys	Power Electronics Systems	1	1	0	11	0	0	0	0	E	Z1	0	0	0	0	0	0	0	0	0
44	TSM_Proclnt	Prozessintegration und Pinch-Analysen	1	0	0	12	0	0	0	E	0	0	0	0	0	0	0	0	0	0	0
45	TSM_Product	Product Innovation, Product Engineering and Product Lifecycle Management	1	0	1	11	0	E	0	0	0	0	Z2	0	0	0	0	0	0	0	0
46	TSM_ProgAlg	Parallele Berechnung und Algorithmen	1	0	0	12	0	0	0	0	0	0	0	0	E	0	0	0	0	0	0
96	TSM_QlnOpMgmt	Quantitative Methods in Industrial Operations Management	1	0	0	12	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	TSM_RegDev	Regionalentwicklung, Regionalökonomie und Politik	1	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	E
100	TSM_ServMan	Servitization of Manufacturing	1	0	0	12	0	E	0	0	0	0	0	0	0	0	0	0	0	0	0
49	TSM_SignProc	Signalverarbeitung und -übertragung	1	0	2	10	0	0	0	0	0	E	0	Z2	0	Z2	0	0	0	0	0
50	TSM_SoftwEng	Software Engineering und Architekturen	1	0	0	12	0	0	0	0	0	0	0	0	E	0	0	0	0	0	0
51	TSM_Sourcing	Sourcing International, Outsourcing/Offshoring	1	0	0	12	E	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	TSM_StatDig	Statistische Digitale Signalverarbeitung und Modellierung	1	0	0	12	0	0	0	0	0	0	0	E	0	0	0	0	0	0	0
54	TSM_TecAcou	Technische Akustik	0	1	0	12	0	0	0	0	0	0	Z1	0	0	0	0	0	0	0	0
101	TSM_TechMgmt	Technology Management	0	1	0	12	0	Z1	0	0	0	0	0	0	0	0	0	0	0	0	0
84	TSM_TheoPlan	Entwerfen und Planen in grösseren Räumen - Theorie und Praxis	1	0	0	12	0														