

Select 5 FTP modules for your own profile and prioritise them.

Date: 22.03.19

				Fields of study															
				E	C	E	E	E	E	E	E	E	E	C	C	E	C		
				Profiles / Small Profiles															
				Business Engineering (BE)	Civil Engineering (CE)	Computer Science (CS)	Data Science (DS)	Electrical Engineering (EIEEn)	Energy & Environment (EnEn)	Mechanical Engineering (ME)	Mechatronics & Automation (MA)	Medical Engineering (Med)	Aviation (Avi)	Budling Technologies (BT)	Geomatics (Geo)	Photonics (Pho)	Raumentwicklung & Landschaftsarchitektur (RELA)		
				Priority	Usage	Priority	Usage	Priority	Usage	Priority	Usage	Priority	Usage	Priority	Usage	Priority	Usage	Priority	Usage
Existing Modules	Ø Nr. Stud SY 16/17	Nr.	Code	Name	1	E	1	E	2	X	2	X		E		E		2	E
	115	59	FTP_AppStat	Applied Statistics and Data Analysis															
	44	60	FTP_CompAlg	Numerical Analysis and Computer Algebra			2	E	2	X				E					
	44	64	FTP_CryptCod	Cryptography and Coding Theory					1	E				E					
	43	62	FTP_Energy	Energy- Production, Consumption and Management															
	31	63	FTP_EnviPlan	Raumplanungs-, Bau- und Umweltrecht														1	E
	9	64	FTP_Fourier	From Fourier to Wavelets													2	E	
	55	65	FTP_Life	Lebenszyklus-Management von Infrastrukturen	2	E	2	E										2	A
	187	66	FTP_Optimiz	Optimization	1	E			1	E	1	E		E		1	E		
	147	67	FTP_OrdDiff	Ordinary Differential Equations and Dynamical Systems			2	E						E		1	E	2	X
	52	68	FTP_PartDiff	Partial differential equations in engineering applications			2	E						E	2	E	3	X	
	24	69	FTP_Physics	The Physics of Materials and Engineering Devices												3	X		
	44	70	FTP_StatPlan	Planungsmethodik	3	E										2	X		
	43	71	FTP_StochMod	Stochastic Modelling			3	E	2	E	1	E							
	18	72	FTP_Tensors	Vectors and Tensors in Engineering Physics			3	E							2	E			
	32	73	FTP_TheoComp	Theoretical Computer Science					1	A									
	0	74	FTP_WavePhen	Welleneigenschaften und ihre Anwendung in modernen Messgeräten und technischen Geräten															
	64	95	FTP_PredMod	Predictive Modelling	1	E			1	E	2	X		E		2	E	2	X
	36	106	FTP_AdvStDaAn	Advanced Statistical Data Analysis => TSM Module			2	X	2	X	1								
	-	VIII	FTP_FactPlan	Factory Planning															
New Modules		FN1		Modelling and Simulation (working titel)	1	N													
		FN2		Qualitative Analysis (working titel)	1	N													
		FN3		Physics on micro and nano scale															
		FN4		Algorithms (existing TSM_Alg Nr. 5)					1	E		E		E					
		FN5		Instrumente der Planung: Raum-, Landschafts- und Infrastrukturplanung															
		FN6		Digitale Bildverarbeitung (bestehendes TSM Nr. 18 TSM_DigImPro)				X		E		E							
		FN7		Machine Learning (existing TSM_Nr. 90 TSM_MachLe)					E	1	E								
		FN8		Multiphysics Modeling and Simulation (existing TSM Nr. 38_TSM_Multiphy)															
FTP Module Total					7		7		8		5		6		7		7		5

E	A	N	Σ nom.	I	X	Σ 2
10	0	0	10	0	2	12
3	0	0	3	0	1	4
2	0	0	2	0	0	2
2	0	0	2	0	0	2
3	0	0	3	0	0	3
2	0	0	2	0	0	2
4	1	0	5	0	1	6
8	0	0	8	0	2	10
5	0	0	5	0	1	6
3	0	0	3	0	3	6
1	0	0	1	0	1	2
2	0	0	2	0	1	3
6	0	0	6	0	0	6
3	0	0	3	0	0	3
0	1	0	1	0	0	1
0	0	0	0	0	1	1
6	0	0	6	0	3	9
0	0	0	0	0	4	4
0	0	0	0	0	1	1
0	0	1	1	0	1	2
0	0	1	1	0	0	1
0	0	1	1	0	0	1
4	0	0	4	0	0	4
0	0	1	1	0	1	2
2	0	0	2	0	5	7
3	0	0	3	0	2	5
4	0	0	4	0	0	4
19	2	4	14	0	16	
			13			

Remarks:

E, A, N = total of nominations per module

Σ nom.= sum of nominations E, A, N

I, X = total of nominations per module

Σ 2 = total Σ nom. and nomination I, X

modules with more than 3 nominations (E, A, N)

= nominations of E & A => to be discussed