Matrix of options join-in minors - 1st semester 2017-2018

Minors							Programmes																	
							ET			EEMCS					BMS					ST					
Minor code	**Module name**	**Quartile**	**Language**	**Faculty**	**Programme**	**Module code**	CE	IDE	ME	BIT	CrT	EE	SCS	AM	CS	PSY	EPA	IBA	IEM	AT	BE	HS	CHE	TM	AP
CTW-JM-INCT-15	Introduction to Civil Engineering	M1	English	ET	CE	201600092				1)*	1)	1)*	1)*	1)*	1)	1)	1)	1)	1) *		1) *	1)			
CTW-JM-WBH-15	Water Management	M2	English	ET	CE	201500177				1)*	1)	1)*	1)*	1)*	1)	1)	1)	1)	1)*		1) *	1)			
CTW-JM-VRD-15	Safety in Risk in Delta's	M5	Dutch/English	ET	CE	201400144		2)		2)	2)	2) *	2)	2) *					2)	2)	2) *		2) *	2)	2) *
CTW-JM-SCE-15	Sustainable Civil Engineering	M6	English	ET	CE	201400145		3)	3)	3)	3)	3)	3)	3)					3)	3)	3)		3)	3)	3)
CTW-JM-IIO-15	Introduction to Industrial Design	M1	English	ET	ID	201300029									1)	1)	1)	1)				1)			
CTW-JM-CCV-15	Ideation	M2	English	ET	ID	201300041									1)	1)	1)	1)				1)			
CTW-JM-CPR-15	Consumer Products IEM	M6	English	ET	ID	201400265					1)				4)	4)	4)	4)				4)			
CTW-JM-DSY-16	Dynamical Systems	M5	Dutch	ET	ME	201600091	5) *	5) *												5)			5) *		
EWI-JM-INB-16	Introduction to BIT	M1	English	EEMCS	BIT	201300073					6)			*	6)	6)	6)				*	6)			
EWI-JM-WCI-15	We Create Identity	M1	English	EEMCS	CrT	201600066						7)		7)	7)	7)	7)	7)	7)		7)	7)		7)	
EWI-JM-SME-15	Smart Environments	M2	English	EEMCS	CrT	201300132	8)	8)		8)		8)	8)	8)	8)	8)	8)	8)	8)		8)	8)		8)	
EWI-JM-NMD-15	New Media	M5	English	EEMCS	CrT	201700016	9)	9)	9)	9)		9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)
EWI-JM-STE-15	Smart Technology	M5	English	EEMCS	CrT	201700017	10)	10)	10)	10)			10)	10)	10)	10)	10)	10)	10)	10)	10)	10)	10)	10)	
EWI-JM-IEE-15	Introduction to Electr. Engineering and Electronics	M1	English	EEMCS	EE	201200096			*		6)														
EWI-JM-ECC-15	Electric Circuits	M2	English	EEMCS	EE	201500135			*		11)														
EWI-JM-SAC-15	Systems & Control	M6	English	EEMCS	EE	201500286			12)		12)									12)					
EWI-JM-PCS-16	Pearls of Computer Science	M1	English	EEMCS	CSC	201300070					6)			*	6)	6)	6)	6)	*		*	6)			
EWI-JM-SSY-16	Software Systems	M2	English	EEMCS	CSC	201500111	*		*		6)			*	6)	6)	6)	6)	*		*	6)			
EWI-JM-COS-16	Computer Systems	M5	English	EEMCS	CSC	201400210					6)														
EWI-JM-SAM-16	Structures and Models	M1	English	EEMCS	AM	201300056	*			*	6)	*	*		6)	6)	6)	6)	6) *		*				
EWI-JM-MAP-16	Mathematical Proofs	M2	English	EEMCS	AM	201300057	*			*		*	*		13)	13)	13)	13)	13) *		*				
EWI-JM-DYS-16	Dynamical Systems	M6	English	EEMCS	AM	201500103	14)	14)	14)	14)	14)	14)	14)		14)	14)	14)	14)	14)	14)	14)	14)	14)	14)	
BMS-JM-GOV-17	Going Viral	M1	English	BMS	CS	201600094																			
BMS-JM-DAM-17	Damage Control	M2	English	BMS	CS	201600095																			
BMS-JM-FTC-17	Facilitating Technological Change	M5	English	BMS	CS	201700001																			
BMS-JM-TPP-17	The Privacy Paradox	M6	English	BMS	CS	201700002																			
BMS-JM-PLO-15	Professional Learning in Organizations	K2	English	BMS	EST	201500001																			
BMS-JM-HPT-15	Health Psychology & Applied Technology	M5	English	BMS	PSY	201600004																			
BMS-JM-PLI-15	Psychology in Learning & Instruction	M5	English	BMS	PSY	201400121	7)	7)	7)	7)	7)	7)	7)	7)	7)		7)			7)	7)	7)	7)	7)	7)
BMS-JM-POS-15	Psychology of Safety	M5	English	BMS	PSY	201600005																			
BMS-JM-HFE-15	Human Factors & Engineering Psychology	M6	English	BMS	PSY	201400123																			
BMS-JM-FFE-15	Finance for Engineers	M5	English	BMS	IEM	201400056																			
BMS-JM-PMG-15	Public Management	M5	English	BMS	EPA	201600160																			
BMS-JM-PGE-15	Public Governance in Europe	M6	English	BMS	EPA	201500176	15)			15)	15)	15)	15)	15)					15)	15)	15)	15)	15)	15)	15)
BMS-JM-TOP-16	Technology, Organizations and People	M1	English	BMS	IBA	201300006																			
BMS-JM-BOM-16	Business Operations Management	M2	English	BMS	IBA	201500307																			
BMS-JM-SMEC-16	Strategy, Marketing and Economics	M5	English	BMS	IBA	201600099																			
TNW-JM-HEA-17	Health Economics & Accounting	M5	English	ST	HS	201400079																			
TNW-JM-KWO-17	Clinical Scientific Research	M6	Dutch	ST	HS	201500128																			
TNW-JM-MEN-16	Materials Engineering	M6	English	ST	AT	201400158			16)			16)									16)		16)		16)
TNW-JM-SMS-15	Signals, Models & Systems	M5	English	ST	AT/AP	201600129	*				17)				17)	17)	17)	17)			*	17)	*		
TNW-JM-WIP-16	Waves, Interference and Probability	M6	English	ST	AP	201500155																			
TNW-JM-DMM-15	Human Anatomy & Biomaterials	M1	Dutch	ST	BE	201100172	18) *			18) *	18)	18) *	18) *		18)	18)	18)	18)	18) *			18)		18)	
TNW-JM-KMD-15	Microscopic Cancer Detection	M2	Dutch	ST	BE	201100184	19) *			19) *	19)	19) *	19) *		19)	19)	19)	19)	19) *			19)		19)	
TNW-JM-CBT-15	Creating Biological Tissues	M5	Dutch	ST	BE	201400224	20) *	20)		20)	20)	20) *	20)	20)*	20)	20)	20)	20)	20)	20)		20)	20) *	20)	20) *
TNW-JM-TPB-15	Transport Phenomena in Biological Systems	M6	Dutch	ST	BE	201500329	21)	21)		21)	21)	21)	21)	21)	21)	21)	21)	21)	21)	21)		21)		21)	21)
TNW-JM-INP-15	Industrial Processes	M5	Dutch/English	ST	CHE	201500098	22) *	22)	22) *	22)	22)	22) *	22)	22) *	22)	22)	22)	22)	22)	22)	22) *	22)		22)	22) *
TNW-JM-TPV-15	Transport Phenomena	M6	Dutch/English	ST	CHE	201400162					17)				17)	17)	17)	17)				17)			

Exclusion	**Based on:**
	Overlap
	Not accessible
	Blocked by own programme

Admission requirements from offering programme:

1) Maths A level and Physics A level.
2) UT Mathematics B1, B2, D1 and knowledge of liquid mechanics.
3) UT Mathematics B1, B2, D1, knowledge of mechanics and some knowledge of materials science.
4) Maths A level and Physics A level + Suitable laptop for software SolidWorks.
5) UT Mathematics A, B1, B2, C1, D1 and Statics .
6) Maths level A or equivalent.
7) Limited number of places available.
8) Basic knowledge of programming and mathematics. Limited number ofplaces available.
9) Basic knowledge of programming and mathematics
10) VWO NT / NG + Physics (A-level: Maths, Physics, Chemistry).
11) Smart Technology in year 2.
12) Knowledge of differential- and difference equations.
13) UT Mathematics Track (first year).
14) UT Mathematics Track (first year) and basic knowledge of Matlab or get in touch with B.M. Geveling.
15) Basic knowledge of social research methods.
16) Materials Science and Engineering as basic knowledge.
17) UT Mathematics Track (first year) and VWO Physics (A-level).
18) VWO NT or NG + Physics (A-level: Maths, Physics, Chemistry). Limited number of places available.
19) Must have finished skills practicum (vaardighedenpracticum) and laboratory safety test (at the end of quartile 1A). Limited number of places available.
20) VWO NT or NG + Physics (A-level: Maths, Physics, Chemistry). Students have to have finished module 2 BMT (201100184). Limited number of places available.
21) VWO NT or NG + Physics (A-level: Maths, Physics, Chemistry) and UT Mathematics Track (first year). Limited number of places available.
22) A-level: Maths, Physics, Chemistry and the basics of thermodynamics

Note: Use the minor code to register, use the module code to request more information in Osiris on the relevant module.

*This join-in minor consists of a module that contains part of the UT mathematics track. You already followed this mathematics course in your own study. In its place comes the course Introduction to Mathematical Analysis (201400385).
This is an in-depth mathematics course of 3 EC. In the Osiris course catalog you can find information about the books for this course. Ask your study programme coordinator whether you have to take this alternative mathematics course.
** AT students are only allowed to join a first year module if it is part of the admission requirements of the master's programme. Please contact Eline Marsman.