Matrix of options join-in minors 2nd semester 2016-2017

Minors							Programmes																	
							ET			EEMCS					BMS					ST					
Minor code	**Module name**	**Quartile**	**Language**	**Faculty**	**Programme**	**Module code**	CE	IDE	ME	BIT	CrT	EE	CSC	AM	CS	PSY	EPA	IBA	IEM	AT	BE	HS	CHE	TM	AP
CTW-JM-VEV-15	Traffic and Transport	M3	Dutch	CTW	CE	201300145				1)	1)	1)	1)	1)	1)	1)	1)	1)	1)	1, 15)	1)	1)		1)	1)
CTW-JM-OVB-15	Design of Constructions	M4	Dutch	CTW	CE	201300146				2)	2)	2)	2)	2)					2)	2, 15)	2)			2)	2)
CTW-JM-GEON-15	Urban Development/Spatial Planning	M7	Dutch	CTW	CE	201600251																			
CTW-JM-MASP-15	Modelling and analysis of stochastic processes CE	M8	English	CTW	CE	201400147		3)		3)	3)	3)	3)							3)	3)		3)	3)	3)
CTW-JM-VEW-16	Fluid Mechanics & Heat Transfer	M7	Dutch	CTW	ME	201500321	4)	4)		4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)	4)		4)	
EWI-JM-PDOB-15	From product design to online business	M7	Dutch	EEMCS	BIT	201400467																			
EWI-JM-BIPM-15	Business innovation through IT project management	M8	English	EEMCS	BIT and IBA	201500310																			
EWI-JM-ELEC-15	Electronics	M3	English	EEMCS	EE	201200098	5)			5)	5)		5)	5)	5)	5)	5)	5)	5)	5)	5)	5)		5)	
EWI-JM-NWST-15	Network systems	M3	English	EEMCS	CSC	201600197						14)													
EWI-JM-PRP-16	Programming paradigms	M8	English	EEMCS	CSC	201400537																			
EWI-JM-SEO-15	Signals and Uncertainty	M3	English	EEMCS	AM	201300182	6)			6)	6)		6)						6)		6)	6)	6)	6)	
EWI-JM-VEE-15	Fields and Electromagnetism	M4	English	EEMCS	AM and AP	201400535		7)		7)	7)		7)						7)			7)		7)	
EWI-JM-DSEA-15	Discrete structures and Efficient algorithms	M7	Dutch	EEMCS	AM and CSC	201400433	8)	8)	8)	8)	8)	8)							8)	8)	8)	8)	8)	8)	8)
BMS-JM-CCOC-15	Corporate & Organisation communication	M7	Dutch	BMS	CSC	201500217																			
BMS-JM-EIC-16	Europe in Crisis?	M7	English	BMS	EPA	201600225																			
BMS-JM-EUW-16	The European Union and the World	M8	English	BMS	EPA	201400097																			
BMS-JM-PMP-16	Policy-making and Planning	M7	English	BMS	EPA	201400099																			
BMS-JM-SLG-16	Street-level governance	M8	English	BMS	EPA	201400101																			
BMS-JM-SUMA-15	Supply management	M7	English	BMS	IBA	201400109	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	10)	9)	9)	9)	9)	9)	9)	9)
BMS-JM-DMNB-15	Digital marketing for networked business	M7	English	BMS	IBA	201400068	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	10)	9)	9)	9)	9)	9)	9)	9)
BMS-JM-FESIF-15	Financing entrepreneurial startups and innovative firms	M8	English	BMS	IBA	201500016	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	9)	10)	9)	9)	9)	9)	9)	9)	9)
BMS-JM-BIIT-15	Business intelligence and IT	M3	English	BMS	IEM and BIT	201300108														15)					
BMS-JM-MSP-16	Modelling and analysis of stochastic processes for IEM	M8	English	BMS	IEM and CE/AM	201400062		3)	3)	3)	3)	3)	3)							3)	3)		3)	3)	3)
TNW-JM-FOM-15	Fundamentals of materials	M3	English	TNW	AT	201500370	11)			11)	11)	11)	11)	11)	11)	11)	11)	11)	11)		11)	11)		11)	
TNW-JM-MIW-15	Biomedical measurement	M3	Dutch	TNW	BE	201100215	6)				6)	6)		6)	6)	6)	6)	6)	6)	6, 15)		6)		6)	
TNW-JM-ADBO-15	Bone adaptation	M4	Dutch	TNW	BE	201100227	6)			6)	6)	6)	6)	6)	6)	6)	6)	6)	6)	6, 15)		6)	6)	6)	6)
TNW-JM-ITMM-15	Imaging technologies	M7	Dutch	TNW	BE	201400477																			
TNW-JM-BIB-15	Brain physiology and Mechanical science	M8	Dutch	TNW	BE	201200230																			
TNW-JM-GZO-16	Health services research	M3	Dutch	TNW	HS	201300105														15)					
TNW-JM-OVZ-16	Operational excellence in healthcare	M4	Dutch	TNW	HS	201300106														15)					
TNW-JM-PRON-15	Process design	M8	Dutch	TNW	CHE	201400164	12)	12)	12)	12)	12)	12)	12)	12)					12)	12)	12)			12)	12)
TNW-JM-MST-16	Materials Science & Technology	M8	Dutch	TNW	CHE	201600135	13)	13)	13)	13)	13)	13,14)	13)	13)	13)	13)	13)	13)	13)	13)	13)	13)		13)	
TNW-JM-VEL-15	Fields and Electromagnetism	M4	English	TNW	AP and AM	201300164	7)	7)		7)	7)		7)						7)		7)		7)	7)	

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

Admission requirements from offering programme

1) The student must have followed Mathematics B on VWO and have affinity for technical sciences.
2) The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
3) The student must be acquainted with statistics and probability theory, and preferably have affinity for technical sciences.
4) Only accessible to students who passed Math D2.
5) The student must have followed the UT mathematics track (first year) and have sufficient knowledge about electrical circuits (e.g. by having followed module 2 from EE)
6) The student must have followed the UT mathematics track (first year).
7) Only accessible to students who have followed the UT mathematics track (first year) and did NOT follow the course Electricity and Magnetism (Applied Physics) or anything similar.
8) The student must understand the subjects from the UT mathematics track (first year), in particular linear algebra.
9) Basic knowledge required about subjects like Organisation, Operational Management, Strategy, Marketing, Bookkeeping and Finances, and Statistical Computer Skills. Please see the module description in Osiris.
10) IBA students who did not choose on of these modules as an elective yet, can choose 1 of these 3 modules as a minor.
11) Only suitable for students with prior knowledge about technical sciences and sufficient mathematical insight.
12) Only suitable for students from technical studies who have sufficient knowledge about the basic principles of physical transport phenomena and have followed an introductory course in process engineering.
13) Only suitable for students with prior knowledge about technical sciences and sufficient mathematical insight. Also, prior knowledge about materials engineering is required.
14) Network Systems and/or Material Science & Technology are only accessible to students who did NOT follow (respectively) the module Network Systems or Device Physics at EE.
15) The student can only follow this module if it is part of the admission requirements for the Master program. Please contact your study advisor.

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