

University	Faculteit	Master	Track	Master (track) coordinator	Premaster EC	Requirements	Premaster Information														
							Quartile	Course/ module	Study	Name	EC	Code	Mandatory?	Coordinator	Website	Comments					
UT	EWI	Computer Science	Wise	Hans Scholten	90EC from Y1 and 30 Y2	1 Module 5 2 Module 2	CS/ EE CS / BIT	Computer Systems Software Systems	15 15	201400120 Y 201300071 Y		André Kokkeler Marieke Huisman	Preferred module Adapted Math part in this module								
														3 Module 3	CS/EE	Network Systems	15	201400431 module 2 or 5	Possible replacement	Pieter Tjerk de Boer	Module 2 and 5 fit in minor space. However, students with delay can swap one of these modules for a module in quartile 3 (semester 2)
UT	EWI	Computer Science	Security Information Software Engineering Software Technology  Methods & Tools for Verification	Marloes Grinsven	90EC from Y1 and 30 Y2	1 Module 5 2 Module 2	CS/ EE CS / BIT	Computer Systems Software Systems	15 15	201400120 Y 201300071 Y		André Kokkeler Marieke Huisman	Adapted Math part in this module								
														3 Module 3	CS/EE	Network Systems	15	201400431 module 2 or 5	Possible replacement	Pieter Tjerk de Boer	Module 2 and 5 fit in minor space. However, students with delay can swap one of these modules for a module in quartile 3 (semester 2)
UT	EWI	Telematics		Pieter-Tjerk de Boer	90EC from Y1 and 30 Y2	1 Module 5 2 Module 2	CS/ EE CS / BIT	Computer Systems Software Systems	15 15	201400120 Y 201300071 Y		André Kokkeler Marieke Huisman	Adapted Math part in this module								
														3 Module 3	CS/EE	Network Systems	15	201400431 module 2 or 5	Possible replacement	Pieter Tjerk de Boer	Module 3 is for Telematics most recommended module. Module 2 and 5 fit in minor space. However, students with delay can swap one of these modules for a module in quartile 3 (semester 2)
UT	EWI	BIT		Maarten Korsten	90EC from Y1 and 30 Y2	1 Module 5	BIT/TBK	Finance for Engineers	15	201400301 Y		Berend Roorda	<a href="http://www.utwente.nl/bit/studieprogramma">http://www.utwente.nl/bit/studieprogramma</a>								
														2 Module 2	CS / BIT	Software Systems	15	201300071 Y		Marieke Huisman	Adapted Math part in this module
UT	EWI	Electrical Engineering		Maarten Korsten	90EC, Mod 5 = ST, Mod 5 and 8 30 passed	EE Premaster HBO	EE	Calculus A	5	201500291	Y	Maarten Korsten	<a href="http://www.utwente.nl/ee/Programme%20information/Programme%20remaster%20programme%2">http://www.utwente.nl/ee/Programme%20information/Programme%20remaster%20programme%2</a>								
														1 premaster HBO	Linear Algebra	3	201500292				
														1 premaster HBO	Digital Logic and Computer Organization	3	201500252				
														1 premaster HBO	Linear Systems	2	191231490				
														1 premaster HBO	Academic Research Skills	2	201400279				
														2 premaster HBO	Calculus B	4	201500293				
														2 premaster HBO	Linear Systems (continuation)	4	191231490				
														2 premaster HBO	Electricity & Magnetism HBO	5	191403070				
														2 premaster HBO	Academic Research Skills (continuation)	2	201400279				
UT	EWI	Embedded Systems		Bert Molenkamp	90EC, Mod 5 = ST, Mod 5 and 8 30 passed	Embedded Systems Premaster HBO	Embedded Systems	Calculus A	5	201500291	Y	Bert Molenkamp	<a href="http://www.utwente.nl/ems/ys/programme/premaster_embedded_syst">http://www.utwente.nl/ems/ys/programme/premaster_embedded_syst</a>								
														1 premaster HBO	Calculus B	4	201500293				
														2 premaster HBO							

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								1	premaster HBO		Linear Algebra A	3	191512061				
								1	premaster HBO		Linear Systems	2	191231490				
								2	premaster HBO		Linear Systems	4	191231490				
								1 or 2	premaster HBO		Calculus C	3	191512041				
								1 or 2	premaster HBO		Digital Logic and Computer Organization	4	201400315				
								1 or 2	premaster HBO		Instrumentation for Embedded Systems	5	191210001				
UT	EWI	Systems & Control	Mechatronics	Maarten Korsten	90EC, Mod 5 = ST, Mod 5 and 8	30 passed			Systems and Control	Systems and Control			30	Y	Maarten Korsten	<a href="http://www.utwente.nl/sc/programme/premaster/">http://www.utwente.nl/sc/programme/premaster/</a>	
								1	premaster HBO		Calculus A	5	<a href="http://www.utwente.nl/sc/programme/premaster/">201500291</a>				
								1	premaster HBO		Linear Algebra A	3	<a href="http://www.utwente.nl/sc/programme/premaster/">201500292</a>				
								1	premaster HBO		Digital Logic and Computer Organization	4	<a href="http://www.utwente.nl/sc/programme/premaster/">201400315</a>				
								1	premaster HBO		Linear Systems	2	<a href="http://www.utwente.nl/sc/programme/premaster/">191231490</a>				
								1	premaster HBO		Academic Research Skills	2	<a href="http://www.utwente.nl/sc/programme/premaster/">201400279</a>				
								2	premaster HBO		Calculus B	4	<a href="http://www.utwente.nl/sc/programme/premaster/">201500293</a>				
								2	premaster HBO		Linear Systems	4	<a href="http://www.utwente.nl/sc/programme/premaster/">191231490</a>				
								2	EE module 6		Control Engineering <sup>1)</sup>	4	<a href="http://www.utwente.nl/sc/programme/premaster/">191210441</a>				
								2	premaster HBO		Academic Research Skills	2	<a href="http://www.utwente.nl/sc/programme/premaster/">201400279</a>				
UT	EWI	Human Media Interaction		Mannes Poel									0			<a href="http://hmi.utwente.nl/">http://hmi.utwente.nl/</a>	Direct admission
UT	CTW	Industrial Design Engineering	Design and Estuling Emerging Technology Design Management of Product Development Cradle to Cradle	Hiske Schuurman	90EC from Y1 and 30 Y2									Y	Thonie van den Boomgaard	1st year courses are now in English, 2nd year courses are this year still in Dutch	
								1	ME module 1		Technisch product modellen (WB-B1)	2	201400443				
								1	IDE module 5		Fysiek Ergonomie (B2) Inleiding Industriel Ontwerpen	2.5	201400404				
								1	IDE module 1		Statica (WB-M1)	2	201500247				
								1	ME module 1		Project Mens Product						
								1	IDE module 5		Relaties (B2)	7.5	201400405				
								2	IDE module 2		Constructie (B1)	2.5	201500230				
								2	IDE module 6		Technisch Product modellen 2 (B2)	2.5	201500233				
								2	IDE module 6		Productie	2.5	201400470				
								2	IDE module 6		Project Consumenten Producten (B2)	7.5	201400413				
UT	CTW	Sustainable Energy Technology		Winnie Gerbens-Leenes	90EC, Mod 5 = ST, Mod 5 and 8	30 passed			SET premaster HBO	SET / WB			30	Y	Winnie Gerbens-Leenes		
								1	premaster HBO		Calculus A	5	201500291				
								1	premaster HBO		Linear Algebra A	3	191512061				
								1	ME module		Programming in Engineering (Matlab)	1.5	191158510				
								1	ME module 1		Statica (WB - Mod1)	2	201500247				
								1	ME module 5		Dynamica 1 (WB -Mod5)	3.5	201400388				
								2	premaster HBO		Calculus B	4	201500293				
								2	ME module 2		Technische Thermodynamica (WB-Mod2)	3	201400035				
								2	CE module 6		Fluid Dynamics (ST-Mod6)	3	201500209				
								2	CE module 6		Heat&Mass transfer (ST-Mod6)	4.5	201500210				
UT	BMS	Educational Science & Technology (Dutch: Onderwijskunde)	Learning in Education Learning in Organisations	Jan Nelissen	90EC from Y1 and 30 Y2				1 Module 9	Psy	Psychology in learning and instruction Professional learning in Organisations		15	201400212			These is an elective module psychology, however mandatory in this premaster
									2 Module 10	Psy			15	201500001			
UT	BMS	Philosophy of Science, Technology and Society (PSTS)		Jan Nelissen	90EC from Y1 and 0 Y2								0			<a href="http://www.utwente.nl/psts/">http://www.utwente.nl/psts/</a>	Direct admission

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UT	BMS	Business Administration		Andre Veenendaal Petra de Weerd-Nederhof	30 Y2	90EC from Y1 and	1	Module 5 from IBA	IBA	Strategy, Marketing & Economics	15	201400064	Y												
							2	HT HT module 10	IBA	New Technology Business Development (HTHT)	15	201500065	Y												
UT	BMS	Communication Science		John Sevens Jeanet Luijckink	15 Y2	90EC from Y1 and	1 OR 2 OR3 OR4	Module 5 OR 6 OR 7 OR 8	CW	1 out of 4 options: Each of the 2nd year CW bachelor modules are fine, i.e. M5 or M6 or M7 or M8	15		Y												
UT	TNW	BME Biomedical Engineering Dutch: BMT	Imaging and Diagnostics	John Huttenhuis Theo van Dam	90EC, Mod 5 = ST Mod 5 en 8 gehaald	1 To be decided 2 Module 10		BME BME	Imaging and Diagnostics	15	Y Y			Discuss with study advisor about this one											
																	Neural and Motor Systems	90EC, Mod 5 = ST Mod 5 en 8 gehaald	1 Module 9 2 To be decided	BME BME	Neural and Motor Systems	15 ?	Y Y		Students must do a catch-up course Linear Algebra at own initiative
EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN	EXTERN									
Leiden University	?	Media Technology		Nanda Milbreta							0			<a href="http://mediatechnology.leid">http://mediatechnology.leid</a>	Direct admission										
UU		Game and Media Technology (GMT)		Erik Faber (UT) / Maarten Löffler (UU)	90EC		Parts of premaster HBO programs and Module 2 and 5 CS				5 3 4 3 5 8 2	<a href="#">201500291</a> <a href="#">201500292</a> <a href="#">201400388</a> <a href="#">201200226</a> <a href="#">192140200</a> 201500112 <a href="#">201200225</a>			Under construction										
TU/e Technische Universiteit Eindhoven		Industrial Design Engineering		Lieke Thijssen	90EC	1+2	one semester at TU/E in portfolio based education	IDE						<a href="https://www.tue.nl/universiteit/faculteiten/industrial-design/">https://www.tue.nl/universiteit/faculteiten/industrial-design/</a>	Students can follow one semester of education at IDE in Eindhoven. This is not mandatory										
TU/e Technische Universiteit Eindhoven		Human Technology Interaction		Jaap Ham	90EC	1 of 2 of 3 of 4	mandatory for all: Introduction Psychology & Technology						5	0HV10	Yes	<a href="https://www.tue.nl/studeren/tue-graduate-school/masteropleidingen/h">https://www.tue.nl/studeren/tue-graduate-school/masteropleidingen/h</a>									
				email 1-10-2015			Next, students choose either b1. or b2.																		
							<b>b1. Cognition</b>																		
							Q2A Social Psychology and Consumer Behavior	HTI						5	0HV30										
							Q4C Thinking and Deciding	HTI						5	0HV60										
							Q1B HTI in Social Context	HTI						5	0HV80										

