	Master	Pre-master						Note	link	Contact
	Electrical Engineering	Quartile	Name		EC's	Cod	de	TVOICE	https://www.utwente.	Maarten Korsten
	Electrical Engineering	1	Calculus A	1	5		500291		nl/en/education/mast	m.j.korsten@utwente.nl
		2	Calculus E		4		500293		er/programmes/elect	m.j.korsteri@utwerite.m
		1	Linear Alg		3	201500292			rical-	
		1	Linear Sys		6		231490			
		1 & 2		Theory & Statistics for A			500324		engineering/pre-	
		1		& Magnetism HBO	5		403070		master/#start-date	
		1 Digital Logic & Computer Organization 3 201500252								
	Computer Science	2 (depends on MSc specialization) out of						There is the option to follow the Algorithms,	https://www.utwente.	Marloes van Grinsven
	Companies Concrete	2 (depends on moc specialization) out of						Data Structures and Complexity course	nl/en/csc/premaster/t	m.vangrinsven@utwente.nl
		Quartile	Course/	Name	EC's	Code		instead of the regular mathematics in	ransfer-ut-	m.variginiovori@atworito.m
			module					Software Systems or the minor mathematics replacement Introduction to Mathematical	bachelor/#transfer-	
		1	INF 2.1	Computer Systems	15			Analysis. This course is offered in English.	minor-premaster-for-	
		2	INF 1.2			201500		The content, however, overlaps with the	atlas-create-and-at.	
		3	INF 2.3 Discrete Structures & 15		201600197		Discrete Structures module, so in that case	alias-create-ariu-at.		
			INF 2.3	Efficient Algorithms	13			students must take the regular mathematics		
				•				(replacement).		
	BIT	Quartile	Course/ module	Name	EC's	Code		*Finance for Engineers OR From product design to online business	https://www.utwente.	Marloes van Grinsven
		1	M5 BIT	Finance for Engineers*	15	201400		design to ornine business	nl/en/mbit/	m.vangrinsven@utwente.nl
		3	M7 BIT	From product design to	15	201400		**Adapted Math part in this module		
			MOTOO	online business*	45	004500	14.4.4	<u>'</u>		
		2	M2 TCS	Software Systems**	15	201500	1			
	Embedded Systems	Quartile	Name Calculus A		EC's		de 500291		https://www.utwente.	Bert Molenkamp
5		2	Calculus F				500291		nl/en/education/mast	e.molenkamp@utwente.nl
		1 Linear Algebra A				3 201500292			er/programmes/emb	
		1 Linear Systems 6					231490		edded-	
							512041		systems/admission/u	
		1 Digital Logic & computer 4 2014003				201	400315		t-students/	
		organizations 5 404040004								
		2 Instrumentation for embedded 5 191210001					210001			
	Systems & Control	Systems EC's Code					10		https://www.utwente.	Peter Breedveld
	Systems & Control	1 Calculus A 5					500291		nl/en/education/mast	
		2 Calculus B 4					500293			p.c.breedveld@utwente.nl
		1	1 Linear Algebra A 3				500292		er/programmes/syst	
		1	Linear Sys		6		231490		ems-control/	
							500340			
		1 & 2 ProbabilityTheory & Statistics for AT 4 201500324 1 Digital Logic & computer 4 201400315								
		organizations					400313			
	Internet Science & Technology	2 out of						There is the option to follow the Algorithms,	https://www.utwente.	Marloes van Grinsven
	memer odenee a reemiology	Z Out OI						Data Structures and Complexity course	nl/en/csc/premaster/t	m.vangrinsven@utwente.nl
		Quartile Course/ module Name EC's				EC's	Code	instead of the regular mathematics in	ransfer-ut-	m.variginisveri@atwente.m
		1	INF 2.1	Computer Syste		15		Software Systems or the minor mathematics	bachelor/#transfer-	
		2	INF 1.2	Software System	ms ´		201500111	replacement Introduction to Mathematical Analysis. This course is offered in English.	minor-premaster-for-	
		3				15 15	201600197	The content, however, overlaps with the	atlas-create-and-at.	
		3	3 INF 2.3 Discrete Structures & Efficient Algorithms					Discrete Structures module, so in that case	alias-orcale-ariu-at.	
		<u> </u>		Emclent Algorith	11112			students must take the regular mathematics		
	Industrial Design	Quartile Course/ Name EC's Code					Codo	(replacement).	latte as the area of	Libelia Caleurina an
	Industrial Design Quan	Quartile Course/ Name EC's Code module					Code		https://www.utwente.	Hiske Schuurman
			ME module						nl/en/education/mast	h.m.hemmer@utwente.nl
		1	IDE module			2,	,5 201400404		er/programmes/indu	
		1	IDE module	Introduction Industrial (B1)	Design	1 201600057			strial-design-	
		1 IDE module 1 Statics (B1)					2 201500247		engineering/	
		Project Human Product								
		1 IDE module 5 Relations (B2) 7,5 201400405 2 IDE module 2 Construction (B1) 2,5 201500230					5 201400405			
		2 IDE module 2 Construction (B1) 2,5 201500230 Technical Product Modelling 2					,5 201000230			
		2 IDE module 6 (B2) 2,5 201500233					,5 201500233			
		2 IDE module 2 Production 1 (B1) 2,5 201400470					,5 201400470			
	1	2 IDE module 6 Project Consumer Products (B2) 7,5 20140041					,5 201400413			

Sustainable Energy Technology Quartile Course/ module Name EC's	Code		https://www.utwente.	Kristel Braakhuis		
1 premaster HBO Calculus A 5 1 premaster HBO Linear Algebra 3	201500291 201500292		nl/en/education/mast	k.g.m.braakhuis@utwente.nl		
Seperate Master Programming in Engineering 15	191158510		er/programmes/sust			
1 course (Matlab) 1,3 1 IDE module 5 Energy and Heat Transfer 3	201600134		ainable-energy-			
1 Premaster Capita Selecta SET 2,5	201600378		technology/			
Engineering 3	201500293 201400035					
2 ME module 2 Thermodynamics 1 2 CiT module 2 Water and Fluid Mechanics 4,5	201400035					
2 Premaster Capita Selecta SET 3,5	201600378					
BME Biomedical Engineering Mathematics; Anatomy & Physiology; Imaging & Diagnos	stics	Contact Anneloes Hemmer for	https://www.utwente.	Anneloes Dummer		
		content pre-master	nl/en/education/mast	a.dummer@utwente.nl		
			<u>er/programmes/biom</u> edical-engineering/			
Either: M9 Psychology in learning and instruction (201400212	2)		https://www.utwente.	Jan Nelissen		
Educational Science and Technology Or: M10 Professional Learning in Organisation (201500002)	,		nl/en/education/mast	j.m.j.nelissen@utwente.nl		
Altornativaly			er/programmes/educ			
Alternatively: '- Designing for Schools and Organisations (5EC, Q1 & Q3) +			ational-science-			
- Research Studios (10EC, Q2 &Q4)			technology/			
Science Education and Communication ja		See attachment	https://www.utwente.	Gerdy ten Bruggencate		
			nl/en/education/mast	Johny Heerink		
			er/programmes/scie nce-education-	j.l.m.heerink@utwente.nl		
			communication/			
Communication Studies Quartile Course/ module Name EC's	Code		https://www.utwente.	Jeanet Luijerink		
1 M5 CS Fascilitating Technological 15 Change	201700001		nl/en/education/mast	j.w.m.luijerink@utwente.nl		
2&4 Premaster Communication Research 5			er/programmes/com			
284 Premaster Inferential Statistics 5	201300065 201300064		munication-studies/			
2&4 Premaster Research Project 5 Premaster CS	201300066					
Business Administration Quartile Course/ Name EC's	Code		https://www.utwente.	André Veenendaal/ Charlotte		
module 1 Module 5 from Strategy Marketing 8			nl/en/education/mast	Röring		
IBA Economics	201700013		er/programmes/busi	c.g.m.roring@utwente.nl		
2 HT HT module High Tech Talent 10 Management in a global 15	201700014		ness-administration/	Michel Ehrenhard		
Context						
Industrial Engineering and Management Quartile Course/ Mame EC's	Code		https://www.utwente.	Mieke van der Meulen		
1 premaster Linear Algebra 3	201500292		nl/en/education/mast er/programmes/indu	m.g.vandermeulen@utwente.nl		
1 premaster Probability Theory 2 OR models for premaster	201700018		strial-engineering-			
1 Premaster IEM 10	201500012 201500292		management/			
1 premaster Probability Theory 2	201700018					
Financial Engineering for 1 Premaster premaster IEM 10	201500020					
Eindhoven Human Technology Interaction ?	201000020			ftc-ieis@tue.nl		
Industrial Design ?				ftc-ieis@tue.nl		
Innovation Management https://www.tue.nl/en/education/tue-graduate-school/mas				ftc-ieis@tue.nl		
	<u>programs/innovation-management/study-program/pre-masters-program/</u>					
			http://mediatechnolo	Nanda Milbreta		
Leiden Media Technology http://mediatechnology leiden edu/admission						
Leiden Media Technology http://mediatechnology.leiden.edu/admission/dutch-studen/	ents		gy.leiden.edu/	n.milbreta@liacs.leidenuniv.nl		

				Tele				
Utrecht	Game and Media Technology (GMT)	Quartile	Course/ module	Name	EC'	Code	https://www.uu.nl/ma	
			Premaster HBO	Calculus A	5	201500291	sters/en/game-and- media-technology	Löffler(UU) m.loffler@uu.nl
			Premaster HBO	Linear Algebra A	3	201500292		
			Module 5 CS	Discrete Mathematics	4	201400388		
			Module 1 EE	Programming in C	3	201500244		
		Premaster 2 HBO		Algorithms, Datastructures and Complexity (ADC)	5	192140200		
		2	Module 2 CS	Programming theory + project	8	201500112		
			Premaster ME	Matlan for Premasters	2.5	<u>201600056</u>		
International	EIT	Track	Pre- master needed	Contact	Note			Jan Schut <u>i.schut@utwente.nl</u>
		Digital Media Technology (DMT Cloud Computing		contact Jan Schut				
		Services (CCS)	?					
		Embedded Syste (ES)	ms 30	See embedded systems premaster	This n	naster cannot be at UT		
		Human Computer Interaction and Design (HCID)	0	Direct admission, no		ear of the r can be done at MI)		
		Internet Technolo	(ÎTA) 30					
		Security and Priva	30	See computer Science premaster				
		Service Design and Engineering (SDE		contact Jan Schut				
		Data Science (DS	sc) 30	See Computer Science premaster				