

Legend	Compulsory courses	Electives ChE MME	Electives ChE CPE	Electives non ChE
	Deficiency courses			

Year 1				
	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
Core modules	AMM Molecular & Biomolecular CT (5 EC, Huskens)	AMM Organic Materials Science (5 EC, Wurm)	AMM Inorganic Materials Science (5EC, Koster)	
	AMM Characterization (5 EC, Huijser)	Statistical Thermo (2.5 EC, de Beer)	AMM Project Organic Materials (5 EC, Hempenius)	
	AMM Project Inorg. Materials & Mol. CT (5 EC, ten Elshof)			

Year 2				
	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
Core modules			Societal Embedding	
	Internship & Job Orientation Project (20 EC; Folkers)		Final Master Project (45 EC)	

Electives scheduled	Advanced Colloids and Interfaces (5 EC, Wood)	Electrochemistry: techniques and fundamentals (5 EC, Mei)	Polymer Physics (5 EC, de Beer)	Polymer Synthesis (5 EC, Wurm)
	Advanced Catalysis (5 EC, Lefferts/Mul)	Advanced Ceramics (5 EC, Pizzoccaro-Zilmay)	Advanced Organic Chemistry (5 EC, Jonkheijm)	X-ray Characterisation for S&T (5 EC, Makhotkin)
	Controlled Drug and Gene Delivery (5 EC, Bansal)	Lab on a chip (5 EC, Eijkel)	Elastomeric Science & Engineering (5 EC, Blume)	
		Advanced Molecular Separations (5 EC, de Vos/Schuur)		Biochemistry (5 EC, Poot)
		Nanomedicine (5 EC, Prakash)		
		Biomedical Materials Engineering (5 EC, Grijpma/Poot)		

2.5 EC Topics		Ion Transport in Fluids (Wood e.a.)	Chemical Process Analysis (Gardeniers)	Membrane Materials (Lammertink/de Vos/Benes)
		Fabri. of Nanostr. - Bottom-Up (Huskens)	Physical Organic Chemistry (Wong)	Chem. of Inorg. Mat. & Nanostr. (ten Elshof)
			Electrochemical Engineering (Mul)	Molecular Modeling (de Beer)
				Membrane Processes (Lammertink/de Vos/Benes)

Electives n.s.	Theory of Phase Equilibria (5 EC; van der Hoef)			
	Polymers & Material Science Practice (3 EC; Hempenius)			
	Capita Selecta Research Group (5 EC)			
	Contract Research (5 EC, Bettlem)			

Def.	Workshop Aca. Skills	
	Matlab for pre-masters ET	
	Math for Engineers	