

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, Vansco)	AMM Inorganic Materials Science (5 EC, Koster)	AMM Project Inorg. Materials & Mol. CT (5 EC, ten Elshof)
	AMM Characterization (5 EC, Huijser)	Statistical Thermo (2.5 EC, de Beer)	AMM Project Organic Materials (5 EC, Hempenius)	
	1 course from RESTS or NIKOS group (see list)			

Electives scheduled	Advanced Colloids and Interfaces (5 EC, Wood)	Electrochemistry: techniques and fundamentals (5 EC, Bouwmeester/Mei)	Polymer Physics (5 EC, de Beer)	
	Gas Separations of Membranes (5 EC, de Vos)		Advanced Organic Chemistry (5 EC, Jonkheijm)	
	Advanced Catalysis (5 EC, Lefferts/Mul)	Advanced Ceramics (5 EC, Pizzoccaro-Zilmay)		Elastomeric Science & Engineering (5 EC, Blume)
	Controlled Drug and Gene Delivery (5 EC, Bansal)	Lab on a chip (5 EC, Eijkel)		Biochemistry (5 EC, Poot)
		Advanced Molecular Separations (5 EC, de Vos/Schuur)		
		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)
		Molecular Modeling (de Beer)	Physical Organic Chemistry (Katsonis)	Chem. of Inorg. Mat. & Nanostr. (ten Elshof)
			Electrochemical Engineering (Mul)	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, Betlem)			

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

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