

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 (5EC, Elbersen/Koster)	AMM Project Inorg. Materials & Mol. CT (5 EC, Elbersen/Koster)
	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)	Chemistry of Inorganic Materials and Nanostructures (ten Elshof, 5 EC)
	Gas Separations of Membranes (5 EC, de Vos)		Physical Organic Chemistry (2,5 EC; Katsonis)	
	Advanced Catalysis (5 EC, Lefferts/Mul)	Advanced Ceramics (5 EC, Winnubst)	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)
			Biological Chemistry 1 (2,5 EC; Jonkheijm)	Biological Chemistry 2 (2,5 EC; Jonkheijm)
			Electrochemical Engineering (Mul)	Molecular Modeling (de Beer)
				Membrane Processes (Lammertink/de Vos/Benes)

Electives .s.	Theory of Phase Equilibria (5 EC; van der Hoef)			
	Polymers & Material Science Practice (3 EC; Hempenius)			

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

Elec. n.	Capita Selecta Research Group (5 EC)
	Contract Research (5 EC, Betlem)

Def.	Workshop Aca. Skills
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