

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, Vansco)	AMM Inorganic Materials Science (5EC, 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)	

Year 2

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

Electives scheduled	Advanced Colloids and Interfaces (5 EC, Wood)	Electrochemistry: techniques and fundamentals (5 EC, Bouwmeester/Mei)	Polymer Physics (5 EC, de Beer)	
	Advanced Catalysis (5 EC, Lefferts/Mul)	Advanced Ceramics (5 EC, Pizzoccaro-Zilmay)	Advanced Organic Chemistry (5 EC, Jonkheijm)	
	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 (Huskens)	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, Betlem)			

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