

Compulsory courses	Electives ChE CPE	Electives ChE MME	Electives non ChE
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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 Reflection course from RESTS or CSTM or NIKOS group (see list)			

Year 2				
	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
Core modules	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, Bouwmeester/Mei)	Physical Organic Chemistry (5 EC, Huskens)	Chemistry of Inorganic Materials and Nanostructures (ten Elshof, 5 EC)
	Gas Separations of Membranes (5 EC, de Vos)		Polymer Physics (5 EC, de Beer)	
	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	Electrochemical Engineering (Mul)	Chemical Process Analysis (Gardeniers)	Membrane Materials (Lammertink/de Vos/Benes)
	Ion Transport in Fluids (Wood e.a.)		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
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