

## CORE MODULES YEAR 1 AND YEAR 2

Year 1				
	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
Core modules	<b>Advanced Chemical Reaction Engineering</b> (5 EC; Brilman/Kersten)		<b>Lab Course Sustainable Process Technology</b> (5 EC; Kersten)	
	<b>Process Intensification Principles</b> (5 EC; Rivas/Gardeniers)		<b>Process Plant Design incl. Thermodynamics and Flowsheeting</b> (15 EC; van der Ham/van den Berg)	
	<b>Advanced Catalysis</b> (5 EC; Lefferts/Mul)	<b>Advanced Molecular Separations</b> (5 EC; de Vos/Schuur)		

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

## ELECTIVES SCHEDULED

	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
Electives scheduled	<b>Multi-component Mass Transport</b> (5 EC; Benes)		<b>Process Equipment Design</b> (5 EC; Bramer)	<b>Multi-phase Flow</b> (5 EC; Luding)
	<b>Transport Phenomena</b> (5 EC; van der Meer)	<b>Cost Management &amp; Engineering</b> (5 EC; Joosten)		
	<b>Colloids and Interfaces</b> (5 EC, Wood)		<b>Transport in Chemically React. Flows</b> (5 EC; Kok)	<b>Intro to Computat. Fluid Dynamics</b> (5 EC; Lammertink)

It is possible to also take electives of the Molecular and Materials Engineering track and other master programmes. If you are not sure if the course you want to take will be accepted, please contact Alexandra Elbersen ([a.s.grote@utwente.nl](mailto:a.s.grote@utwente.nl)).

## ELECTIVES NOT SCHEDULED

Electives n.s.	Theory of Phase Equilibria (5 EC; van der Hoef)
	Contract Research (5 EC; Betlem)
	Capita Selecta (5 EC)