

Curriculum Masters Molecular Sciences 2022-2023																			
For (medical) biology courses and Physics courses, for SMI/SIS/Philosophy courses, please see the various course guides.																			
Chemistry Master courses compulsory Quarter 1				Quarter 2				Quarter 3				Quarter 4							
Specialisation Physical chemistry																			
NWI-SM297	Molecular Modelling	3	or	NWI-MOL406	Quantum chemistry	3													
NWI-MOL409	Advanced spectroscopy	6																	
NWI-MOL408	Physical Chemistry of Molecular Aggregates	3																	
NWI-MOL407	Materials Science	3																	
Specialisation Molecular Chemistry																			
NWI-MOL402	Systems chemistry	3																	
NWI-MOL404	Instrumental Analysis in (Bio) Molecular Chemistry	3																	
NWI-SM302	Advanced Organic Synthesis	3		every quarter:															
NWI-SM019A	Polymer Chemistry	3		NWI-MOL412	Career Orientation	1													
NWI-SM292A	Molecular Materials	3		NWI-FFIL***	Philosophy 2 (many different options)	3													
Specialisation Medicinal Chemistry																			
NWI-MOL418	Chemical Biology	6																	
NWI-MOL421	Medicinal Chemistry	6																	
NWI-MOL404	Instrumental Analysis in (Bio) Molecular Chemistry	3																	
Specialisation Chemistry of Life																			
NWI-MOL418	Chemical Biology	6																	
NWI-BM084	Integrative Omics in Health and Disease	6						NWI-SM300A	Study Tour Chemistry	3									
NWI-MOL410	Omics	3						NWI-SM155A	Advanced Crystallography	3	NWI-MOL420	Handheld Spectroscopy	3						
								NWI-CMB1103B	Bioinformatics of Protein Structure	6	NWI-MOL422**	Polymer Chemistry 2	3						
				NWI-MOL415*	Chemistry at Interfaces	3		NWI-CMB1110A	Inleiding Java voor bioinformatici	6	NWI-SM024E	Magnetic Resonance IIIa, Advanced Biomolecular NMR	3						
				NWI-SM018A	Application of Metal-catalysis in natural Product Synthesis	3		NWI-MOL416	Systems chemistry 2	3	NWI-SM044A	Magnetic Resonance IIIb, Solid-state NMR	3						
				NWI-SM299	Pattern recognition for the natural sciences	3		NWI-MOL419	Industrial Chemistry	3	NWI-SM295	Quantum Dynamics	3						
				NWI-SM023D	Magnetic Resonance II			NWI-SM023D	Magnetic Resonance II	6	NWI-MOL417	Advances in Mass Spectrometry	3						
NWI-SM103A	Chemometrics II			NWI-SM103A	Chemometrics II			NWI-SM103A	Chemometrics II		NWI-SM103A	Chemometrics II	3						