

Curriculum Molecular Sciences 2017-2018 - 3rd year													
E = taught in English													
x When possible, 3 ec courses in the MLS programme after q7 are given on Wednesdays													
P = priority course MLS													
I = Mo/Tue; II = Thur/Fri													
Starting in 2018-2019, 3rd year Chemistry courses and 3rd yr Molecular Life Sciences priority courses will be taught in English													
Chemistry													
code	9th Quarter	ec	code	10th Quarter	ec	code	11th Quarter	ec	Tutor	code	12th Quarter	ec	
Electives, e.g.:			Electives, e.g.:			Electives, e.g.:				Electives, e.g.:			
Minor programme or exchange programme			Minor programme or exchange programme			Minor programme or exchange programme				Minor programme or exchange programme			
	NWI-MOL029	3	E NWI-MOL064	Spectroscopy of Atoms and Molecules	3	E I NWI-MOL065	Chemometrics	6		NWI-MOL086	Bachelorstage	12	
E II	NWI-MOL095	6	E NWI-MOL094	Physical organic chemistry	3	NWI-MB024C	HERA (environmental risk assessment)	6			Academic skills	3	
	NWI-NB046C	3	NWI-MOL071	Kristalgroei	3	II NWI-MOL066	Structuur, functie en bioinformatica (max 18)	6		Electives, e.g.:			
E	NWI-MOL110	3	NWI-FCEM02B	Schrijfcursus	3	E II NWI-MOL054	Toxicology	6		NWI-MOL087A*	Practicum synthese (organisch) (max 18)	3	
E	NWI-MOL053	6	NWI-MOL059	Statistische thermodynamica	6	E NWI-MOL093	Stereoselective synthesis	3		NWI-MOL087B*	Practicum synthese (anorganisch)	3	
	NWI-MOL106	3	NWI-MOL091	Green chemistry	3	NWI-MOL035	Chemie & samenleving	3		* MOL087B only after MOL087A (total 6 ec)			
E	NWI-FFIL101	3	E NWI-FFIL101	Philosophy 1 (Molecular topics)	3	E NWI-MOL096	Metalorganic chemistry (if available)	3		NWI-FCEM02B	Schrijfcursus	3	
	NWI-FCEM02B	3	NWI-MB021B	Intr. Geographic Information Systems	6	NWI-FCEM02B	Schrijfcursus	3	E/NL	NWI-FFIL100	Filosofie (Bio)	3	
			NWI-GCSE007	Beleid, ondernemerschap en innovatie	3	NWI-MOL111	Biophysical chemistry	3					
			NWI-FC0042B	Debating science & society	3								
Molecular Life Sciences													
E P* I	NWI-BB086	12									Bachelorstage	12	
E P I	NWI-BB063B	6	E P I	NWI-BB019B	Immunology (MAX 120 stud)	6	I	NWI-BB065B	Pathofysiologie van de nier	6	NWI-MOL086	Academic skills	3
E P I	NWI-MOL053	6	E P	NWI-MOL107	RNA Structure and function	6	E P I	NWI-MOL109	Chemometrics for Molecular Life Sciences	6			
E P I	NWI-BB024B	6	E I	NWI-BB039B	Neurodevelopment (MAX 60?)	6	E P I	NWI-BB064B	Functional Genomics	6	NWI-MOL087A*	Practicum synthese (organisch) (max 18)	3
E P II	NWI-MOL095	6	E P II	NWI-MOL078	Nanobiotechnology	6	II	NWI-MOL066	Structuur, functie en bioinformatica (max 18)	6	NWI-MOL087B*	Practicum synthese (anorganisch)	3
E P II	NWI-MOL104	6	P II	NWI-BB084B	Molecular principles of development	6	E P II	NWI-MOL055	Molecular basis of Diseases	6	* MOL087B only after MOL087A (total 6 ec)		
E II	NWI-BB080B	6	II	NWI-BB021B	Neurofysica	6	E II	NWI-BB081B	Cognitive Neuroimaging (Brain dynamics)	6	NWI-FCEM02B	Schrijfcursus	3
E P* II	NWI-BB086	6				II	NWI-MB024C	HERA (environmental risk assessment)	6	E/NL	NWI-FFIL100	Filosofie (Bio)	3
*: NWI-BB086 6 ec count as priority course													
P	NWI-MOL100	3	NWI-MOL091	Green chemistry	3	P	NWI-MOL111	Biophysical chemistry	3				
	NWI-FFIL101	3	E	NWI-FFIL101	Philosophy 1 (Molecular topics)	3	E P	NWI-MOL073	Comparative genome analysis (max 30)	3			
	NWI-FCEM02b	3		NWI-FCEM02B	Schrijfcursus	3		NWI-FCEM02B	Schrijfcursus	3			
E	NWI-MOL110	3		NWI-GCSE007	Beleid, ondernemerschap en innovatie	3							
				NWI-FC0042B	Debating science & society	3							
				NWI-ILSB103	Inleiding Educatie	3							
Minor programme or exchange programme			Minor programme or exchange programme			Minor programme or exchange programme				Minor programme or exchange programme			
e.g. Minor Translational Neuroscience													
Science Zie ook de voorkeursprofielen bij de studieadviseur													
profiel Bio Fysisch													
Zie de voorkeursprofielen													
Minor programme or exchange programme			Minor programme or exchange programme			Minor programme or exchange programme				Minor programme or exchange programme			
			verplicht:			verplicht:				NWI-MOL086	Bachelorstage	12	
			NWI-MOL099	Panorama: Food and Health	6	NWI-MOL099	Panorama: Food and Health	6			Academic skills	3	
profiel Fysisch Chemisch													
Zie de voorkeursprofielen													
Minor programme or exchange programme			Minor programme or exchange programme			Minor programme or exchange programme				Minor programme or exchange programme			
			verplicht:			verplicht:				NWI-MOL086	Bachelorstage	12	
			NWI-MOL099	Panorama: Food and Health	6	NWI-MOL099	Panorama: Food and Health	6			Academic skills	3	
profiel Bio Chemisch													
Zie de voorkeursprofielen													
Minor programme or exchange programme			Minor programme or exchange programme			Minor programme or exchange programme				Minor programme or exchange programme			
			verplicht:			verplicht:				NWI-MOL086	Bachelorstage	12	
			NWI-MOL099	Panorama: Food and Health	6	NWI-MOL099	Panorama: Food and Health	6			Academic skills	3	