





Curriculum Molecular Sciences 2018-2019 - 3rd year				Important changes are indicated in yellow											
All standard courses 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				Tutor											
code	9th Quarter	ec	code	10th Quarter	ec	code	11th Quarter	ec	code	12th Quarter	ec				
Electives, e.g.: <b>Minor programme or exchange programme</b>			Electives, e.g.: <b>Minor programme or exchange programme</b>			Electives, e.g.: <b>Minor programme or exchange programme</b>			Electives, e.g.: <b>Bachelor internship</b>						
NWI-MOL029 Bioinformatics (if available)			NWI-MOL064 Spectroscopy of Atoms and Molecules			I NWI-MOL065 Chemometrics			NWI-MOL086 Academic skills						
II NWI-MOL095 Organic chemistry			NWI-MOL094 Physical organic chemistry			II NWI-MOL066 HERA (environmental risk assessment)			NWI-MOL086 Academic skills						
NWI-NB046C Chemie en fysica v/d atmosfeer (-> Q8/12)			NWI-MOL071 Crystal Growth			II NWI-MOL054 Toxicology			NWI-MOL087A: Synthesis lab (organic) (max 18)						
I NWI-MOL110 Applied magnetic resonance (max 36)			NWI-MOL059 Statistical thermodynamics			I NWI-MOL093 Stereoselective synthesis			NWI-MOL087B: Synthesis lab (inorganic) (if available)						
NWI-MOL053 Pharmacochemistry			NWI-MOL091 Green chemistry			II NWI-MOL035 Chemistry & Society			* MOL087B only after MOL087A (total 6 ec)						
NWI-MOL106 Applied Quantum chemistry			NWI-FFIL101 Philosophy 1 (Molecular topics)			NWI-MOL096 Metalorganic chemistry			E/NL NWI-FCEM02B Writing about Science						
NL NWI-FFIL101 Filosofie 1 (Natuurkundige onderwerpen)			E? NWI-MB021B Intr. Geographic Information Systems			E/NL NWI-FCEM02B Writing about Science			E/NL NWI-FFIL100 Filosofie (Bio)						
E/NL NWI-FCEM02B Writing about Science			E? NWI-GCSE007 Beleid, ondernemerschap en innovatie			NWI-MOL111 Biophysical chemistry			NL/E? NWI-NB046C Chemie en Fysica vd Atmosfeer						
NWI-MOL087A* Synthesis lab (organic)			E? NWI-FC0042B Debating science & society												
NWI-MOL087B* Synthesis lab (inorganic)															
* MOL087B only after MOL087A (total 6 ec)															
Molecular Life Sciences															
P* I NWI-BB086 Genomics for Health and Environment (max 15 MLW)								I NWI-MB024C HERA (environmental risk assessment)				Bachelorstage			
P I NWI-BB063B Neuroscience				P I NWI-BB019B Immunology (MAX 120 stud)				I NWI-BB065B Pathophysiology of the Kidney				NWI-MOL086 Academic skills			
P I NWI-MOL053 Pharmacochemistry				P NWI-MOL107 RNA Structure and function				P I NWI-MOL109 Chemometrics for Molecular Life Sciences							
P II NWI-MOL095 Organic chemistry				I NWI-BB039B Neurodevelopment (MAX 60?)				P I NWI-BB064B Functional Genomics				NWI-MOL087A: Synthesis lab (organic) (max 18)			
P II NWI-MOL104 Medical biotechnology (max 25)				P II NWI-MOL078 Nanobiotechnology				P II NWI-MOL066 Structuur, functie en bioinformatica (max 18)				NWI-MOL087B: Synthesis lab (inorganic) (if available)			
II NWI-BB080B Neurophysiology of cognition and behaviour				P II NWI-BB084B Molecular principles of development				P II NWI-MOL055 Molecular basis of Diseases				* MOL087B only after MOL087A (total 6 ec)			
P* II NWI-BB086 Genomics for Health and Environment (max 15 MLW)				II NWI-BB021B Neurobiophysics				II NWI-BB081B Cognitive Neuroimaging (Brain dynamics)				E/NL NWI-FCEM02B Writing about Science			
*: NWI-BB086 6 ec count as priority course								II NWI-MB024C HERA (environmental risk assessment)				E/NL NWI-FFIL100 Filosofie (Bio)			
P NWI-MOL100 Spectroscopy of Biomolecules				NWI-MOL091 Green chemistry				P NWI-MOL111 Biophysical chemistry							
NL NWI-FFIL101 Filosofie 1 (Natuurkundige onderwerpen)				E NWI-FFIL101 Philosophy 1 (Molecular topics)				P NWI-MOL073 Comparative genome analysis (max 30)							
E/NL NWI-FCEM02b Schrijfcursus				E? NWI-GCSE007 Beleid, ondernemerschap en innovatie				E/NL NWI-FCEM02B Writing about Science							
NWI-MOL110 Applied magnetic resonance (max 36)				E? NWI-FC0042B Debating science & society											
NWI-MOL087A* Synthesis lab (organic)				NL NWI-ILSBIO3 Inleiding Educatie											
NWI-MOL087B* Synthesis lab (inorganic)															
* MOL087B only after MOL087A (total 6 ec)															
Minor programme or exchange programme e.g. Minor Translational Neuroscience				Minor programme or exchange programme											
Science Zie ook de voorkeursprofielen bij de studleadviseur															
profiel Bio Fysisch												Bachelorstage			
Zie de voorkeursprofielen												NWI-MOL086 Academic skills			
Minor programme or exchange programme				verplicht: NWI-MOL099 Panorama: Food and Health				verplicht: NWI-MOL099 Panorama: Food and Health							
profiel Fysisch Chemisch												Bachelorstage			
Zie de voorkeursprofielen												NWI-MOL086 Academic skills			
Minor programme or exchange programme				verplicht: NWI-MOL099 Panorama: Food and Health				verplicht: NWI-MOL099 Panorama: Food and Health							
profiel Bio Chemisch												Bachelorstage			
Zie de voorkeursprofielen												NWI-MOL086 Academic skills			
Minor programme or exchange programme				verplicht: NWI-MOL099 Panorama: Food and Health				verplicht: NWI-MOL099 Panorama: Food and Health							