

Bachelor Science, Technology & Innovation 2026-2027

Jaar 1

Periode 1	Periode 2	Periode 3	Periode 4	Periode 5	Periode 6
Quantitative Skills in Context 1 (4 EC)	Building Blocks of Life (6 EC)		Quantitative Skills in Context 2 (4 EC)	Materials that Shine 6 EC	
Innovative Food Systems (6 EC)			Connecting your Digital World (6 EC)		
Your Digital World (6 EC)			Engineering the Building Blocks of Life (6 EC)		
	Materials in Motion (6 EC)			Sustainable Energy Technologies 6 EC	
21st Century Skills and Research Expertise 1a (2 EC)			21st Century Skills and Research Expertise 1b (2 EC)		

Jaar 2 Specialisatie Engineering of Life and Health

Periode 1	Periode 2	Periode 3	Periode 4	Periode 5	Periode 6
Biochemie en Moleculaire Biologie (6 EC)	Engineering Mammalian Systems (6 EC)	Plant Biotechnology (6 EC)	Biomolecular Modelling (6 EC)	OMICS in de Biomedische wetenschappen (12 EC)	
Celbiologie BMW (6 EC)	From Microbes to Microbiomes (6 EC)		Molecular Analytics and Biosensing (6 EC)		
			Design Project (6 EC)		

Jaar 2 Specialisatie High-tech Designer Materials

Periode 1	Periode 2	Periode 3	Periode 4	Periode 5	Periode 6
Gecondenseerde materie 1 (6 EC)	AI for Science (6 EC)	Data analyse en statistiek (3 EC)	Modern Telescopes, Microscopes and Detectors (6 EC)	Physics of Sustainable Energy (6 EC)	
Quantitative Skills in Context 3 (6 EC)	Materials that Communicate (6 EC)	Materials that Deform (3 EC)	Physical Chemistry of Chemicals (6 EC)	Quantumfysica (6 EC)	
			Design Project (6 EC)		

Jaar 2 Specialisatie Sustainability & Circularity

Periode 1	Periode 2	Periode 3	Periode 4	Periode 5	Periode 6
Plant-Soil Interactions ST&I (3 EC)	AI for Science (6 EC)	Ecotoxicology and Environmental Quality (6 EC)	Biomolecular Modelling (6 EC)	Inorganic Chemistry (6 EC)	
Plant-Soil Practical (3 EC)	Organic Chemistry Lab (3 EC)		Molecular Analytics and Biosensing (6 EC)	Physics of Sustainable Energy (6 EC)	
Quantitative Skills in Context (6 EC)	Remote Sensing (3 EC)		Design Project (6 EC)		

Jaar 3

Periode 1	Periode 2	Periode 3	Periode 4	Periode 5	Periode 6
Keuzevakken (30 EC)			Advanced Ethical Prototyping (12 EC)_	Bachelor Project Science, Technology & Innovation (18 EC)	

■ STI vakken
 ■ Sustainability & Circularity
 ■ Engineering Life & Health
 ■ High-tech Designer Materials
 ■ Information Science, Modeling & Simulation
 ■ Afstudeerproject
 ■ Keuzevakken

1 EC (European Credit) = 28 studie-uren. Aan de inhoud van dit curriculum schema kunnen geen rechten worden ontleend.
Dit is het curriculum van het lopende academisch jaar. Voor het komende studiejaar kunnen vakken wijzigen.