

Bachelor

Year	Course	Cred.	
1	Gemeenschappelijk 1e jaar burgerlijk ingenieur	60	
	Transportverschijnselen	6	
	Wiskundige analyse III: toepassingen van analyse en vectoranalyse	6	
	Natuurkunde II	6	
	Elektrische schakelingen en netwerken	6	
	Keuzevak	3	
2	From Genome to Organism [E]	3	
	Statistische fysica en moleculaire structuur	6	
	Modeling of Physiological Systems [E]	6	
	Ingenieursproject II	6	
	Inleiding tot de numerieke wiskunde	3	
	Organische scheikunde	6	
	Statistische gegevensverwerking	3	
	Systemen en signalen	6	
	Electromagnetisme I	6	
	Quantitative Cell and Tissue Analysis [E]	6	
	Mechanica van materialen	6	
	Biomechanics [E]	6	
	Modelleren en regelen van dynamische systemen	6	
	3	Elektronische systemen en instrumentatie voor biomedisch ingenieurs	6
		Biomedische polymeren	3
Medical Physics [E]		6	
Vakoverschrijdend project in de biomedische ingenieurstechnieken [E/NL]		6	
Medical Signal Processing and Statistics [E]		3	

Master

Year	Course	Cred
1	Biomedical Product Development	6
	Artificial Organs	5
	Neuro-engineering Science	3
	Medical Imaging	6
	Micro- and Nanotechnologies for Medical Device Design	5
	Biomaterials and Tissue Engineering	5
	Computational Neurophysiology or Biomechanics or Radiation Physics	6
	Data Analytics in Biomedical Engineering	6
	Biomedical Robotics and Assistive Technologies	5
	Medical Equipment, Certification and Regulation	5
2	Hospital Project	5
	Clinical Study Design and Biostatistics	3
	Leadership in Health Care	3
	Clinical Decision Support Systems	3
1 & 2	Elective courses	30
2	Master thesis	24
		120