Year 1

Track	ECTS	Semester 1	Semester 2
Math	30	Engineering mathematics 1	Engineering mathematics 2
Physics	30	Physics - mechanics	Physics - electromagnetics & optics
Electronics	30	Programming	
Materials & mechanics	30	Molecular engineering	Engineering mechanics
Engineering	30	System design lab	Engineeering design
Soft skills	30		Technical writing & presentation
ECTS:		**30**	**30**

Year 2

Track	ECTS	Semester 3	Semester 4
Math	30	Data science	Differential equations
Physics	30		Solid-state physics
Electronics	30	Electrical engineering + lab	Electronic devices & circuits
Materials & mechanics	30	Solid-state materials	Molecular engineering lab
Engineering	30	CAD design	
Soft skills	30	Project management	BOK
ECTS:		**30**	**30**

Year 3

Track	ECTS	Semester 5	Semester 6
Math	30		Control systems
Physics	30	Thermodynamics	Semiconductor physics
Electronics	30	Signals & systems	Instrumentation + lab
Materials & mechanics	30	Advanced molecular engineering	
Engineering	30	Microsystems + lab	Rapid manufacturing
Soft skills	30	Design project	BOK
ECTS:		**30**	**30**

Year 4

Track	ECTS	Semester 7	Semester 8
Electives	60	Specialization & elective courses + BSc thesis	
ECTS:		**30**	**30**

Lab course