

YEAR 1

Autumn 1	Autumn 2	Spring 1	Spring 2
Chemical bonding 6 ECTS	Soft Condensed Matter Physics 6 ECTS	Advanced Project Work in Applied Physics 6 ECTS	
Experimental Physics 6 ECTS		Solid State Physics II 6 ECTS	Materials Science 6 ECTS
Nanotechnology 6 ECTS	Solid State Physics I 6 ECTS	Growth and characterization of nanomaterials 6 ECTS	
<div>Optional courses</div> <div>Mandatory courses</div> <div>Thesis work</div>		Communication, Ethics and Sustainable Development 6 ECTS	

YEAR 2 - Tailor your studies

Option 1

60 ECTS Thesis work

Option 2

12 ECTS Courses + 18 ECTS Project work + 30 ECTS Thesis work

Option 3

30 ECTS Courses + 30 ECTS Thesis work

Autumn 1	Autumn 2	Spring 1	Spring 2
Thesis work 60 ECTS			
Project work / feasibility study for a 30-credit degree project 18 ECTS	Thesis work 30 ECTS		
Materials for energy technology 6 ECTS			
Applied Chemistry 6 ECTS			
Quantum Mechanics 6 ECTS	Material Synthesis 6 ECTS		
Surfaces and Interfaces 6 ECTS			
Modern Optics 6 ECTS	Computational Physics 6 ECTS		
	Semiconductor Technology 6 ECTS		