

Bachelor of Engineering in Materials Science

Semester Theme	Course	Course	Course	Course/ Project	Project	
7. semester Elective course/ Specialisation	Elective course (5 ECTS)	Elective course (5 ECTS)	BPR 1 Bachelor Project (speciality) (20 ECTS)			
6. semester Elective course/ Specialisation	MET5 Specialty Technology Module 5 (5 ECTS)	MET6 Specialty Future material Module 6 (5 ECTS)	Elective course (5 ECTS)	TOC1 Theory of Science (5 ECTS)	SEP 6 Semester Project (Open project within speciality) (10 ECTS)	
5. semester Internship	INP1 Engineering Internship (speciality) (30 ECTS)					
4. semester Business- oriented Innovation	MET4 Material Science Module 4 (5 ECTS)	STR1 Business development and Strategic Management (5 ECTS)	LOG1 Logistics, purchasing and out/insourci ng (5 ECTS)	PRO1 Project Management (5 ECTS)	INN1 Innovation (innovation week and Innovation) (5 ECTS)	SEP4 Semester project Innovation and Business development
3. semester Future materials	ECO1 Economy (5 ECTS)	CHE2 Applied chemistry Dying, Printing Chromotology (5 ECTS)	MET3 Material technology processes and Production management	PHY2 Physics, Electronics and thermo dynamics Module 2 (5 ECTS)	SEP 3 Semester project Future material (10 ECTS)	
2. semester Quality/CSR and Sustainability	GRA1 Graphics communicati on (5 ECTS)	MET2 Material technology Module 2 (5 ECTS)	PHY1 Statistics and Mechanics of materials Module 1	QSE 1 QHSE Management , CSR and sustainability (5 ECTS)	SEP2 Semester project Quality/CSR and sustainability (10 ECTS)	
1. semester Innovation and development	MAT1 Mathematics (5 ECTS)	STA1 Statistics (5 ECTS)	MET1 Material technology Module 1 (5 ECTS)	CHE1 Basic Chemistry Module 1 (5 ECTS)	SSE1 Study Skills for Engineering Students (5 ECTS)	SEP1 Semester project Innovation and Development