

MATERIALS ENGINEERING		1st semester				2nd semester				3rd semester				4th semester			
Courses	NEPTUN ID	Lecture	Practical course	Credit	Requirement	Lecture	Practical course	Credit	Requirement	Lecture	Practical course	Credit	Requirement	Lecture	Practical course	Credit	Requirement
Core courses																	
Strength of Materials	GEMET268M	2	1	6	s, e												
Microstructure Investigation II.	MAKFKT346M	1	2	6	s, m												
Composites	MAKFKT305M	2	1	6	s, e												
Differential Equations	GEMAN015M					0	2	4	s, m								
Applied Chemistry and Transport Processes	MAKKEM272M					2	1	6	s, e								
Materials Equilibria	MAKFKT345M					2	0	4	s, e								
Interfacial Phenomena	MAKFKT347-17-M									3	0	4	s, e				
Summer Internship	MAKDH237M									0	40	0	s, r				
MSc Degree Thesis Work I.	MAKPOL281-17-M MAKKEM281-17-M									0	8	10	s, m				
Project Management	MAKMET300M													0	4	4	s, e
Intellectual Properties Law	MAKPOL264-17-M													0	3	4	s, m
Quality Management Systems	GTVIM716M													3	0	4	s, e
MSc Degree Thesis Work II.	MAKPOL282-17-M MAKKEM282-17-M													0	9	10	s, m
POLYMER ENGINEERING Specialization																	
Polymer Adhesives	MAKPOL260-17-M	3	1	7	s, e												
Polymer Study II.	MAKPOL261-17-M					3	1	7	s, e								
Operation of Polymer Processing Machines	MAKPOL262-17-M					2	2	7	s, e								
Polymer Product Design	MAKPOL263-17-M									2	4	7	s, m				
Compensational courses																	
Polymer study	MAKPOL228B	3	1	4	s, e												
Material testing	MAKPOL227B	2	2	4	s, e												
Elastomers	MAKPOL231EN					0	2	2	s, m								
Polymer composites	MAKPOL235-17-B									2	0	2	s, m				
CHEMICAL TECHNOLOGY Specialization																	
Colloid Chemistry	MAKKEM274-17-M	2	2	7	s, e												
Reaction Kinetics and Catalysis	MAKKEM275-17-M					3	1	7	s, e								
Chemical processes II.	GEVGT227-17-M									3	3	7	s, e				
Modelling of chemical systems	MAKKEM285EN									2	1	3	s, e				
Optimalization of chemical systems	MAKKEM280-17-M									2	1	4	s, e				
Compensational courses																	
Inorganic Chemical Technologies	MAKKEM272EN	2	1	3	s, m												
Physical chemistry	MAKKEM222-17-B					2	3	5	s, e								
Organic chemical technologies	MAKKEM212-17-M					2	1	4	s, e								
ELECTIVE Courses																	
Elective Course I.														2	0	3	s, r
Elective Course II.														2	0	3	s, r
Elective Course III.														2	0	3	s, r
Elective Course IV.														2	0	3	s, r