

BASIC DATA	
Name of the programme:	Mechanical Engineering
Degree awarded:	MSc
Name of qualification:	Mechanical Engineer
Field of the programme:	Technical Engineering
Branch of the programme:	Mechanical Engineer

Mechanical Engineering MSc			1st Fall Semester				1st SPRING semester				2nd FALL Semester				2nd SPRING semester			
Courses	NEPTUN ID	PRE-REQUISITE (if any)	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*
CORE COURSES																		
Differential Equations	GEMAN500M-A	no					2	1	3 s m									
Probability Theory	GEMAK629M-A	no	2	1	3 s e													
Modern Physics	GEFIT005M-a	no	2	0	3 s e													
Theory of Elasticity	GEMET310M-A	no					2	1	3 s e									
Mechanical Vibrations	GEMET320M-a	no	2	1	3 s e													
Materials Science	GEMTT0001M-A	no					2	1	3 s e									
Engineering Fluid Mechanics and Heat Transfer	GEAHT001M-A	no					2	1	3 s e									
Industrial Quality Assurance	GEGTT302M-a	no	2	1	4 s m													
Environmental Management	GEVGT3011M-A	no					2	0	3 s m									
Project Management	GTVSM7000MA	no													0	2	3 s m	
Machine Structures and Design	GEGET501M-A	no					2	1	3 s e									
Manufacturing Processes and Systems	GEGTT100M-A	no					2	1	3 s e									
Measurement, Signal Processing and Electronics	GEVEE201MN-A	no					2	1	3 s m									
Advanced Materials Processing	GEMTT002M-a	no	2	1	3 s m													
Automated Machine Tools	GESGT001M-a	no	2	1	3 s e													
Materials Handling Machines and Systems	GEALT143M-a	no													2	1	3 s m	
SPECIALIZATION COURSES																		
Methodical Design	GESGT048M-A	no					2	1	3 s m									
iCAD Systems 1	GESGT049M-a	no	2	1	4 s e													
Polymer Processing (or Metal Forming GEMTT005M-a)	GEMTT080M-a	no	2	1	4 s m													
Computer Aided Process Planning	GEMTT114M-a	no													2	1	3 s e	
iCAD Systems 2	GEMTT077M-a	no									2	1	4 s e					
NC Programming	GESGT050M-a	no									2	1	3 s e					
Materials Selection	GEMTT074M-a	no												2	1	3 s e		
Simulation of Manufacturing Devices	GESGT031M-a	no									2	1	3 s e					
Logistic Systems	GEALT128M-A	no					2	0	3 s m									
OPTIONAL COURSES																		
Design	GEGET502M-A	no									2	1	3 s e					
Mechatronics Modelling	GEMRB011M-a	no									2	0	3 s m					
DISSERTATION/THESIS WORK																		
Project Work A	GEMTT143M-a or GESGT043M-a	no												3 s m				
Project Work B	GEMTT144M-a or GESGT044M-a	no															3 s m	
Degree Thesis A	GESGT045M-a or GEMTT145M-a	no											15 s m					
Degree Thesis B	GESGT046M-a or GEMTT146M-a	no															15 s m	
OTHER/SPECIAL COURSES																		
Professional Practice	GESGT005M-a	no											2 s m					

*Requirements: (e)exam/ (m) practical mark/ (s)signature / (r) report/essay