	Mechanical Engineering BSc										
	Subject name and Neptun Code Analysis I. (GEMAN114-B2a)	Institute of Mathematics	2 + 2	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	5	exam
Natural Sciences	Linear Algebra (GEMAN203-82a) Engineering Chemistry (MAKKEM283-82a)	Mathematics Fac.of Materials and Chemical Eng.	2 + 2 2 + 1							5	exam term marl
	Analysis II. (GEMAN124-B2a) Comprehensive Exam in Mathematics (GEMAN128-B2a)	Mathematics Mathematics		2 + 2 0						5	term mar exam
	General Physics I. (GEFIT001-B2a)	Physics and Electronic Engineering		2 + 2						4	exam
	Engineering Thermodynamics (GEAHT211-B2a)	Energy Engineering and Chemical Machinery		2 + 1						3	exam
	Statics (GEMET001-B2a) General Physics II. (GEFIT002-B2a)	Mechanics Physics and Electronic Engineering		2 + 2	2 + 1					5	exam exam
	Engineering Fluid Mechanics(GEAHT321-B2a)	Energy Engineering and Chemical Machinery			2 + 1					3	exam
	Numerical Methods (GEMAK631-B2a) Mechanics of Materials (GEMET002-B2a)	Mathematics Mechanics			2 + 2 2 + 2					5	exam exam
	Dynamics (GEMETOD: 92a) Dynamics (GEMETOD: 92a) Comprehensive Exam in Mechanics (GEMET010-82a)	Mechanics Mechanics			2.12	2+2				5	exam
Economics and Social Sciences	Quality Management	Production Engineering					2 + 0			3	exam
	Lean Logistics Management and Organization	Logistics Fac. of Economics						2+2 2+2		4	term marl exam
Professional Subjects	Operations Management Descriptive Geometry (GEAGT101-B2a)	Fac. of Economics Mathematics Machine and Product	2 + 2						2+0	2	exam exam
	Fundamentals of Machine Elements (GEGET001-B2a) Computer Studies (GEIAK201-B2a)	Design Information Science	2+2 2+2							4	exam term mar
	Structural Materials I. (GEMTT001-82a)	Materials Science and Technology Machine and Product	2 + 2							5	exam
	Mechanical Drawing (GEGET002-B2a) Information Technology for Engineers (GEIAK210-B2a)	Design Information Science		2 + 2 2 + 2						4	exam exam
	Structural Materials II. (GEMTT002-B2a)	Materials Science and Technology Materials Science and		2 + 2						5	exam
	Material Technologies (GEMTT003-B2a) Machine Elements I. (GEGET003-B2a)	Technology Machine and Product			2+3					5	exam exam
	Manufacturing Technology (GEGTT100-82a)	Design Production Engineering			2+2					5	exam
	Fluid Machinery (GEAHT431-82a)	Energy Engineering and Chemical Machinery				2 + 2				5	exam
	Machine Elements II. (GEGET004-B2a)	Machine and Product Design				2 + 2				5	exam
	Industrial Machining (GEGTT102-82a)	Production Engineering Machine Tools and				2 + 2				4	exam
	Machine Tools (GESGT001-B2a)	Machine Tools and Mechatronics Energy Engineering and				2+2				4	exam
	Chemical Technologies and Equipment (GEVGT001-B2a) Fundamentals of CAD (GEAGT121-B2a)	Chemical Machinery Mathematics				2+2				4	exam term mar
	Electrotechnics-Electronics	Physics and Electronic Engineering					2 + 2			4	exam
	Mechatronics, Hydraulics-Pneumatics	Machine Tools and Mechatronics Automation and					2 + 2			3	term mar
	Automation	Communication Technology						2 + 2		4	exam
Specialisation in Mechanical Engineering	Welding and Related Technologies	Materials Science and Technology					2 + 2			4	exam
	Quality Inspection in Machining Industry Technology Planning	Production Engineering Production Engineering					2+2 2+2			4	term mark exam
	Measuring of Machines	Logistics Materials Science and						2+2		5	exam exam
	Heat Treatment and Surface Technologies Noise Protection	Technology Machine and Product Design						2+2 2+2		5	exam
	Design Knowledge	Machine and Product Design Machine Tools and						0 + 2		2	term mar
	Hydraulic and Pneumatic Systems	Machine Tools and Mechatronics Machine and Product							2+2	3	term mark
	Finite Element Applications of Machine Structures Safety Engineering in Chemical Industries	Design Energy Engineering and							2+2	4	term mark
	Cutting Theory	Chemical Machinery Production Engineering					2 + 2			4	exam
Specialisation in Machine Manufacturing Technology	Quality Inspection in Machining Industry	Production Engineering					2 + 2			4	term mark
	Technology Planning	Production Engineering Machine Tools and					2 + 2			4	exam
	CAD Systems CNC Technology	Mechatronics Production Engineering						2+2		5	term mark
	Machine Industrial Assembly	Production Engineering						2 + 2		5	exam
	Production Technology of Typical Parts	Production Engineering Materials Science and						0 + 2		2	term mark
	Material Technologies in Manufacturing Processes Production Processes and Systems	Technology Production Engineering							2+2 2+2	3	exam exam
	Design of Tools and Fixtures	Production Engineering							2 + 2	4	term mark
Specialisation in Machine Design	Methods of Mechanical Engineering Design	Machine and Product Design Materials Science and					2 + 2			4	exam
	Nonmetallic Materials and Technologies Computer Aided Design	Technology Machine and Product					2+2 2+2			4	exam term mark
	CNC Machine Tools	Design Machine Tools and Mechatronics						2 + 2		5	exam
	Prototyping and Machine Building Techniques	Machine and Product Design Machine and Product						0+4		5	exam
	Noise Protection Design Knowledge	Design Machine and Product						2+2		5	exam term mark
	Bearings	Design Machine and Product Design							2 + 2	3	exam
	Finite Element Applications of Machine Structures	Machine and Product Design Machine and Product							2+2	4	exam
	Fundamentals of Tribology Design of Machine Tools	Design Machine Tools and Mechatronics					2 + 2		2+2	4	exam exam
Specialisation in Design of Machine Tools	Tribology	Machine and Product Design					2 + 2			4	exam
	Theory of Design	Machine Tools and Mechatronics Machine Tools and					2 + 2	2+2		4	exam term mar
	Single Purpose Machines and its Designing Programming of CNC Machine Tools	Mechatronics Machine Tools and						2+2 2+2		5	term marl
	Measuring of Machines	Mechatronics Machine Tools and Mechatronics						2 + 2		5	exam
	Design Projects	Machine Tools and Mechatronics Machine Tools and						0+2	a.c.	2	term mark
	Metal-Forming Machine Tools Hydraulic and Pneumatic Systems	Mechatronics Machine Tools and							2+2 2+2	3	term mark
	Special and Precision Manufacturing Technologies	Mechatronics Production Engineering							2 + 2	4	term mark
	Pressurized Systems A	Energy Engineering and Chemical Machinery					2 + 2			4	exam
	Unitr Operation A	Energy Engineering and Chemical Machinery					2 + 2			4	exam
	Basics of Physical Chemistry for Mechanical Engineers	Fac.of Materials and Chemical Eng.					2 + 2			4	term mark
	Materials and Welding of Chemical Equipment	Materials Science and Technology						2 + 2		5	exam
Specialisation in	Rotating Machinery Diagnostics and Maintenance	Energy Engineering and Chemical Machinery						0 + 2		2	term marl
Specialisation in	Pressurized Systems B	Energy Engineering and Chemical Machinery						2 + 2		5	exam
	Unit Operation B	Energy Engineering and Chemical Machinery						2 + 2		5	exam
	Process Control in Chemical Engineering	Automation and Communication							2 + 2	4	term mar
	Safety in Chemical Engineering	Technology Energy Engineering and Chemical Machineny							2 + 2	4	exam
	Process Engineering in Chemical Industry	Chemical Machinery Energy Engineering and							2+2	3	exam
	Physical Education 1. (ETTESME1A)	Chemical Machinery Fac. of Health Sci.	0+2						2.72	0	signature
Summer Internship*	Physical Education 2. (ETTESME2A)	Fac. of Health Sci.		0 + 2					0	0	signature signature
Degree Thesis optional 1	Optional						2 + 2		0+8	15 5	term mark
optional 2 optional 3	Optional Optional						2 + 0		2+0	3	exam exam
cr/sem.			30	30	30	30	30	30	30	210	1