	Mechanical Engineering BSc										
Natural Sciences	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	cr.	exam
	Linear Algebra (GEMAN203-B2a) Engineering Chemistry (MAKKEM283-B2a)	Mathematics Fac.of Materials and	2+2							5	exam term mark
	Analysis II. (GEMAN124-B2a)	Chemical Eng. Mathematics		2+2						5	term mark
	Comprehensive Exam in Mathematics (GEMAN128-B2a) General Physics I. (GEFIT001-B2a)	Mathematics Physics and Electronic		0 2+2						0	exam exam
	Engineering Thermodynamics (GEAHT211-B2a)	Engineering Energy Engineering and		2+1						3	exam
	Statics (GEMET001-B2a)	Chemical Machinery Mechanics		2+2						5	exam
	General Physics II. (GEFIT002-B2a)	Physics and Electronic Engineering			2+1					3	exam
	Engineering Fluid Mechanics(GEAHT321-B2a)	Energy Engineering and Chemical Machinery			2 + 1					3	exam
	Numerical Methods (GEMAK631-B2a)	Mathematics			2 + 2 2 + 2					5	exam
	Mechanics of Materials (GEMET002-82a) Dynamics (GEMET003-82a)	Mechanics Mechanics			2+2	2+2				5	exam exam
	Comprehensive Exam in Mechanics (GEMET010-B2a) Quality Management	Mechanics Production Engineering				0	2+0			3	exam exam
Economics and Social Sciences	Lean Logistics	Logistics						2 + 2		4	term mark
	Management and Organization Operations Management	Fac. of Economics Fac. of Economics						2 + 2	2+0	5 2	exam exam
Professional Subjects	Descriptive Geometry (GEAGT101-B2a) Fundamentals of Machine Elements (GEGET001-B2a)	Mathematics Machine and Product	2+2							4	exam exam
	Computer Studies (GEIAK201-B2a)	Design Information Science	2+2							4	term mark
	Structural Materials I. (GEMTT001-B2a)	Materials Science and Technology	2+2							5	exam
	Mechanical Drawing (GEGET002-B2a)	Machine and Product Design		2 + 2 2 + 2						4	exam exam
	Information Technology for Engineers (GEIAK210-B2a) Structural Materials II. (GEMTT002-B2a)	Information Science Materials Science and Technology		2+2						5	exam
	Material Technologies (GEMTT003-B2a)	Technology Materials Science and Technology			2+3					5	exam
	Machine Elements I. (GEGET003-B2a)	Machine and Product Design			2+2					4	exam
	Manufacturing Technology (GEGTT100-B2a)	Production Engineering			2+2					5	exam
	Fluid Machinery (GEAHT431-B2a)	Energy Engineering and Chemical Machinery				2 + 2			1	5	exam
	Machine Elements II. (GEGET004-B2a)	Machine and Product Design				2 + 2				5	exam
	Industrial Machining (GEGTT102-82a)	Production Engineering				2+2				4	exam
	Machine Tools (GESGT001-82a)	Machine Tools and Mechatronics				2+2				4	exam
	Chemical Technologies and Equipment (GEVGT001-82a)	Energy Engineering and Chemical Machinery				2+2			1	4	exam
	Fundamentals of CAD (GEAGT121-B2a)	Mathematics Physics and Electronic				1+2				3	term mark
	Electrotechnics-Electronics	Engineering Machine Tools and					2+2		-	4	exam
	Mechatronics, Hydraulics-Pneumatics	Mechatronics Automation and					2+2			3	term mark
	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	Production Engineering					2+2			4	term mark
	Technology Planning Measuring of Machines	Production Engineering Logistics					2+2	2 + 2		4 5	exam exam
	Heat Treatment and Surface Technologies	Materials Science and Technology						2 + 2		5	exam
	Noise Protection	Machine and Product Design Machine and Product						2 + 2		5	exam
	Design Knowledge	Design Machine Tools and						0+2	2.2	2	term mark
	Hydraulic and Pneumatic Systems Finite Element Applications of Machine Structures	Mechatronics Machine and Product							2+2	3	term mark exam
	Safety Engineering in Chemical Industries	Design Energy Engineering and							2+2	4	
		Chemical Machinery							2+2		term mark
Specialisation in Machine Manufacturing Technology	Cutting Theory Quality Inspection in Machining Industry	Production Engineering Production Engineering					2 + 2 2 + 2			4	exam term mark
	Technology Planning	Production Engineering Production Engineering					2+2			4	exam
	CAD Systems	Machine Tools and Mechatronics						2+2		5	term mark
	CNC Technology	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	Technology							2 + 2	3	exam
	Production Processes and Systems	Production Engineering							2+2	4	exam term mark
Specialisation in Machine Design	Design of Tools and Fixtures Methods of Mechanical Engineering Design	Production Engineering Machine and Product					2+2		2+2	4	exam
	Nonmetallic Materials and Technologies	Design Materials Science and					2+2			4	exam
	Computer Aided Design	Technology Machine and Product Design					2 + 2			4	term mark
	CNC Machine Tools	Machine Tools and Mechatronics						2+2		5	exam
	Prototyping and Machine Building Techniques	Machine and Product Design						0+4		5	exam
	Noise Protection	Machine and Product Design Machine and Product						2+2		5	exam .
	Design Knowledge Bearings	Design Machine and Product						0+2	2+2	2	term mark exam
	Finite Element Applications of Machine Structures	Design Machine and Product							2+2	4	exam
	Fundamentals of Tribology	Design Machine and Product Design							2+2	4	exam
Specialisation in Design of Machine Tools	Design of Machine Tools	Machine Tools and Mechatronics					2+2			4	exam
	Tribology	Machine and Product Design Machine Tools and					2+2	_		4	exam
	Theory of Design	Machine Tools and Mechatronics Machine Tools and					2+2	9.4		4	exam
	Single Purpose Machines and its Designing Programming of CNC Machine Tools	Mechatronics Machine Tools and						2+2	-	5	term mark exam
			1	1	ļ	+		2+2	1	5	exam
	Measuring of Machines	Mechatronics Machine Tools and Mechatronics									
		Machine Tools and Mechatronics Machine Tools and						0+2		2	term mark
	Measuring of Machines	Machine Tools and Mechatronics Machine Tools and Mechatronics Machine Tools and Mechatronics						0+2	2+2	3	term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems	Machine Tools and Mechatronics						0+2	2+2	3	term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools	Machine Tools and Mechatronics Machine Tools and Mechatronics Machine Tools and Mechatronics Machine Tools and Mechatronics Production Engineering						0+2		3	term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems	Machine Tools and Mechatronics					2+2	0+2	2+2	3	term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems Special and Precision Manufacturing Technologies	Machine Tools and Mechatronics Production Engineering Energy Engineering and					2+2	0+2	2+2	3 4 4	term mark term mark term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A	Machine Tools and Mechatronics Production Engineering and Chemical Machinery Energy Engineering and Chemical Machinery Energy Engineering and Chemical Machinery Facel Materials and Chemical Machinery Facel Materials and Chemical Ene.						0+2	2+2	3 4 4	term mark term mark term mark exam
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A	Machine Tools and Mechatronics Production Engineering and Chemical Machinery Energy Engineering and Chemical Machinery					2+2	0+2	2+2	3 4 4 4	term mark term mark term mark exam
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Preumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers	Machine Tools and Mechatronics Production Engineering and Chemical Machinery Engineering and Chemical Machinery Energy Engineering and Chemical Machinery Fac of Machine Engineering and Chemical Eng. Materials Science and Technology Energy Engineering and Engrey Engineering and Engrey Engineering and Engrey Engineering and Engrey Engineering and Engineering and Engineering and Engineering Engineering and Engineering and Engineering					2+2		2+2	3 4 4 4 4	term mark term mark exam exam term mark
Specialisation in Chamical Machinery Engineering	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance	Machine Tools and Mechatronics Machine Tools and Mechatronics Machine Tools and Mechatronics Machine Tools and Mechatronics Tools and Mechatronics Machine Tools and Mechatronics Machinery Foods and Chemical Machinery Tools and Chemical Machinery Exceeding Mechatronics and Chemical Machinery Exceeding Mechatronics American Mechatronics Tools and Chemical Machinery Exceeding Mechatronics Tools and Chemical Machinery Exceeding Mechatronics Tools and Chemical Machinery Exceeding Mechanics Tools and Chemical Mechanics Tools					2+2	2+2	2+2	3 4 4 4 4 4 5 2	term mark term mark term mark exam exam term mark exam term mark
Specialisation in Chemical Machinery Engineering	Measuring of Machines Design Projects Metal-Forning Machine Tools Hydraulic and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B	Mechanisms and Mechanisms Indiams Ingenering and Chemical Mechanisms Mechanis					2+2	2+2 0+2 2+2	2+2	3 4 4 4 4 5 2	term mark term mark exam exam term mark
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Pneumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance	Machine Tools and Mechatronics Mechatronics Mechatronics of Mechatronics Ingineering and Chemical Mechatronics Ingineering and Chemical Mechatronics					2+2	2+2	2+2	3 4 4 4 4 4 5 2	term mark term mark term mark exam exam term mark term mark term mark
	Measuring of Machines Design Projects Metal-Forning Machine Tools Hydraulic and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B	Machine Tools and Mechatronics Mechanics Tools and Mechatronics Mechanics Tools and Mechanics Mechanics Production Engineering and Chemical Mechanics Mechanics Mechanics Mechanics Mechanics Mechanics Seneral					2+2	2+2 0+2 2+2	2+2	3 4 4 4 4 5 2	term mark term mark term mark exam term mark exam term mark exam term mark exam
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering	Machine Tools and Mechanisms of Mechanisms o					2+2	2+2 0+2 2+2	2+2 2+2 2+2	3 4 4 4 4 5 2 5 5	term mark term mark term mark exam term mark exam term mark exam term mark exam
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Precumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering	Machine Tools and Mechatronics Production Engineering and Chemical Machinery Energy Engineering and Chemical Machinery Exc. of Martenia Machinery Exc. of Martenia Science and Technology Engineering and Chemical Machinery Engineering and Chemical Machinery Energy Engineering and Chemical Machinery Engineering and Engineering Engineering and Engineering Engineering and Engineering E					2+2	2+2 0+2 2+2	2+2 2+2 2+2 2+2 2+2	3 4 4 4 4 5 2 5 4 4	term mark term mark term mark exam exam term mark exam term mark exam term mark exam exam exam
	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering Process Engineering in Chemical Industry	Machine Tools and Mechatronics Production Engineering and Chemical Machinery Engineering and Chemical Machinery Facility Represents and Chemical Machinery Energy Engineering and Chemical Machinery Facility M					2+2	2+2 0+2 2+2	2+2 2+2 2+2	3 4 4 4 4 5 2 5 5 4 4 3	term mark term mark term mark exam term mark exam term mark exam term mark exam exam term mark exam
Chemical Machinery Engineering	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Precumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering	Mechanism Fools and Mechanisms of Mechanisms	0+2	0+2			2+2	2+2 0+2 2+2	2+2 2+2 2+2 2+2 2+2	3 4 4 4 4 5 2 5 5 4 4 3 0 0	term mark term mark term mark exam exam term mark exam term mark exam term mark exam exam exam term mark
Chemical Machinery Engineering Summer Internship*	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Preumatic Systems Special and Prechion Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering Frocess Engineering in Chemical Industry Physical Education 1. (ETTESMELA)	Mechanisms and Chemical Mec	0+2	0+2			2+2	2+2 0+2 2+2	2+2 2+2 2+2 2+2 2+2	3 4 4 4 4 5 2 5 5 4 4 3	term mark term mark term mark exam term mark exam term mark exam term mark exam exam term mark exam signature signature signature
Chemical Machinery Engineering Summer Internship* Degree Thesis optional 1	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Preumatic Systems Special and Prechion Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering Frocess Engineering in Chemical Industry Physical Education 1. (ETTESMEIA) Physical Education 2. (ETTESMEIA)	Mechanisms and Chemical Mec	0+2	0+2			2+2 2+2 2+2 2+2	2+2 0+2 2+2	2+2 2+2 2+2 2+2 2+2 2+2 2+2	3 4 4 4 4 5 2 5 4 4 0 0 0 15	term mark term mark term mark exam term mark exam term mark exam term mark exam exam term mark exam
Chemical Machinery Engineering Summer Internship* Degree Thesis	Measuring of Machines Design Projects Metal-Forming Machine Tools Hydraulic and Precumatic Systems Special and Precision Manufacturing Technologies Pressurized Systems A Unitr Operation A Basics of Physical Chemistry for Mechanical Engineers Materials and Welding of Chemical Equipment Rotating Machinery Diagnostics and Maintenance Pressurized Systems B Unit Operation B Process Control in Chemical Engineering Safety in Chemical Engineering Process Engineering in Chemical Industry Physical Education 1. (ETTESMEIA) Physical Education 2. (ETTESMEIA)	Mechanisms and Chemical Mec	0+2	0+2	30	30	2+2	2+2 0+2 2+2	2+2 2+2 2+2 2+2 2+2 2+2 2+2	3 4 4 4 4 5 5 2 5 5 4 4 3 0 0 0 0 15 5 5	term mark term mark term mark exam exam term mark exam term mark exam exam term mark exam term mark term mark term mark term mark term mark term mark