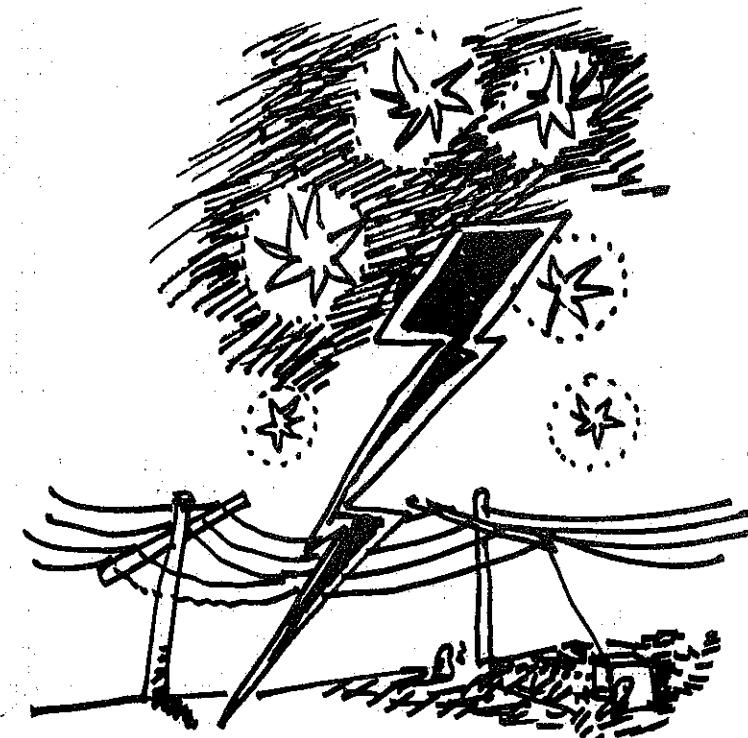


LIST OF SUBJECTS
THE ACADEMIC YEARS
1968/69 TO 1990/91

LIST OF SUBJECTS

THE ACADEMIC YEARS 1968/69 TO 1990/91



NTH

UNIVERSITY OF TRONDHEIM
THE NORWEGIAN INSTITUTE
OF TECHNOLOGY

00501	Calculus with linear algebra	00571	Statistics II (Statistics) (Elementary methods in prime number theory)	00971	Petroleum english	01548	Dynamics
00502	Advanced calculus A			00974	German	01549	Fluid mechanics
00503	Advanced calculus			00978	French	01550	Mechanics 2
00504	Mathematical analysis I	00573	Theory of functions	00979	French, basic course	01551	Fluid mechanics II
00505	Mathematical analysis I	00574	Integration and fourier-analysis	01007	Numerical methods 2	01555	Continuum mechanics
00506	Mathematical analysis I	00575	Mathematical analysis II A (Differential forms)	01010	Numerical methods	01556	Continuum mechanics (Continuum mechanics I)
00507	Mathematical analysis I	00576	Theory of distributions	01011	Numerical methods	01557	Continuum mechanics II
00508	Mathematical analysis I	00577	Integral equations	01012	Numerical calculations (Numerical analyse)	01559	Non-Newtonian fluid mechanics
00509	Mathematical analysis I	00578	Mathematical colloquium	01013	Numerical analysis	01560	Advanced strength of materials (Mechanics 3 B)
00510	Mathematical analysis I	00580	Ordinary differential equations	01014	Numerical analysis (Numerical mathematics)	01561	Solid mechanics, project
00511	Mathematical analysis IA	00581	Matrix methods	01015	Mathematical analysis III (Linear differential equations)	01562	Fluid mechanics, project
00512	Mathematical analysis IB	00582	Elementary measure theory	01016	Numerical solution of partial differential equations (Numerical mathematics 2)	01564	Theory of plasticity
00513	Introduction to statistics	00583	Statistical decision theory (Elementary decision theory)	01017	Nonlinear differential equations	01565	Introduction to plasticity (Applied plasticity theory)
00514	Statistics	00584	Design of experiments	01018	Partial differential equations (Appppplied mathematics advanced course)	01566	(Mechanics III C)
00515	(Introduction to statistics)	00585	Introduction to stochastic processes	01020	Ordinary differential equations (Calculus of variations)	01567	Fracture mechanics I
00516	Statistics	00586	Queueing theory	01030	Optimization (Ordinary differential equations)	01568	(Fracture mechanics II)
00517	Statistics	00587	Analysis of time series	01040	Term projects in numerical mathematics (Partial differential equations)	01570	Mechanics 4
00518	(Introduction to statistics)	00588	Calculus of variations	01050	Numerical extrapolation and integration methods (Methods of numerical Inteeegration) (Theory of functions)	01571	Two-phase pipe flow
00519	Introduction to statistics	00589	Asympotic methods	01052	Numerical solution of partial differential equations	01572	Viscous flows and boundary layers
00520	Introductory probability	00591	Mathematical modelling	01054	Numerical solution of ordinary differential equations	01573	Boundary layer theory
	(Introduction to statistics)	00592	Term projects in discrete mathematics	01056	Numerical linear algebra	01574	Thermal boundary layers
	Discrete mathematics I	00593	Term project in mathematics	01060	Methods in asymptotic analysis	01575	(Boundary layer theory II)
	(Introduction to statistics)	00595	Lie groups and special functions	01061	Ordinary differential equations	01576	(Thermal boundary layers)
	(Mathematical analysis II A)	00596	Complex analysis	01095	Nomography	01577	(Theory of boundary layers project)
00521	Mathematical analysis II A	00597	Differential forms	01504	Mechanics	01578	Advanced fluid mechanics
00522	Introduction to statistics	00598	Real analysis	01505	Mechanics I	01579	Theory of elasticity
00523	Mathematical analysis II	00701	Statistics	01506	Engineering mechanics	01580	Mechanics of materials
00524	Mathematical analysis II	00702	Statistics	01507	Strength of materials	01582	(Strength of materials, advanced course)
00525	Mathematical analysis II	00703	Statistics	01508	Fluid mechanics (Fluid dynamics)	01583	Advanced mechanics
00526	Mathematical analysis II	00711	Statistics I (Introductory probability)	01509	Mechanics	01584	(Mechanics, advanced course)
00527	Mathematical analysis II A		Statistics I	01510	Mechanics I	01585	Solid mechanics, advanced course
00528	Mathematical analysis II	00712	Statistics I	01512	Mechanics I	01586	Fluid mechanics, advanced course
00529	Statistics	00713	Statistics I	01513	Mechanics	01587	(Mechanics, advanced course)
	(Introduction to statistics)	00714	Statistics I	01514	Mechanics	01588	Mechanics, advanced course
00530	Mathematical analysis II B	00721	Statistics II	01515	Mechanics (Mechanics I)	01589	Theory of plates and shells (Mechanics, advanced course)
00531	Mathematical analysis II A		(Statistics)	01516	Mechanics	01590	Theory of shells
00532	Mathematical analysis II B	00722	Statistics II (Statistics)	01517	Mechanics	01591	Applied dynamics
00533	Mathematical analysis II A		Statistics I	01518	Mechanics	01592	Theory of turbulence (Turbulence)
00534	Mathematical analysis II A	00741	Statistics I	01520	Mechanics I	01593	Computational fluid mechanics
00535	Functions of a complex variable	00742	Statistics II	01521	Strength of materials	01594	Theory of turbulence
00536	Integral transforms	00751	Design of experiments	01522	Dynamics	01595	Mechanics
00537	Discrete structures	00752	Analysis of variance	01523	Fluid mechanics	01596	Mechanics, project work
00538	Discrete mathematics II	00753	Multivariate analysis	01524	(Pure and applied mathematics) (Mechanics I)	01597	Theory of plasticity
00539	Mathematical analysis III	00761	Introduction to stochastic processes	01525	Mechanics	01598	Tensor analysis
00540	Functional analysis	00763	Queueing theory	01526	(Mechanics II)	01599	Boundary layer theory III (Wave propagation in solid materials)
	(Mathematical analysis III B)	00765	Analysis of time series	01527	Fluid mechanics	02005	Economics
00541	Calculus of variations	00771	Statistical decision theory	01528	Dynamics	02010	Economics - an introductory course
00542	Integral equations	00773	Nonparametrics, Statistical methods based on ranks	01530	Mechanics II	02011	Economics - an introductory course
00543	Theory of distributions	00781	Reliability analysis	01532	Mechanics II	02012	Economics - an introductory course
00544	Elementary measure theory	00783	Risk analysis, Statistical methods	01533	Mechanics	02013	Economics - an Introductory course
00545	Selected topics in real analysis	00791	Statistics, term projects	01535	Mechanics II	02015	Economics and law - an introductory course (Economics and law)
00546	Stability theory		(Term projects in statistics)	01540	Mechanics II	02020	Operations research I
00547	Singularity theory	00850	Basic toxicology	01541	Fluid mechanics (Fluid dynamics)	02022	Business administration I
00549	Algebraic structures	00851	Industrial toxicology, laboratory exercises	01543	Strength of materials	02024	Economics
00550	Algebraic systems		(Laboratory exercises in industrial toxicology)	01544	(Mechanics I)	02025	Operations research II (Operations research I-II)
	(Mathematical analysis)	00860	History of technology, basic course	01545	Fluid mechanics (Fluid dynamics)	02026	Economics
00551	Matrix methods	00861	Technology, risks and values	01546	Mechanics II	02027	Business administration II
00552	Analytic number theory	00915	Educational psychology	01547	Mechanics II	02030	Economics and law02031 Macro economics (Applied economics (I))
00553	Elementary methods in prime number theory	00910	Environmental physics 1 - energy	01548	Strength of materials	02032	Applied economics II
00554	Mathematical logic	00921	Marine biochemistry I	01549	Dynamics and fluid mechanics		
00555	Graph theory	00923	Macromolecular chemistry I				
00556	Partial differential equations	00925	Physical/chemical methods in macromolecular chemistry				
00557	Ordinary differential equations	00926	Philosophy				
00559	Mathematical colloquium		(Physical/chemical methods in marine biochemistry)				
00560	Analysis of variance	00927	Science, technology and society				
00561	Nonparametrics, Statistical methods based on ranks	00928	(Complex carbohydrates)				
	(Distributionfree statistical methods)		Advanced carbohydrate chemistry				
00562	Reliability analysis	00945	Fire protection				
	(Analysis of reliability)	00964	Pollution and the environment				
00570	Statistics I	00965	Environment, pollution and management				
	(Introduction to statistics)	00970	English				
	(Analytic number theory)		(Technology and society)				

02033'	Regional and urban economic planning and administration	02510	(Projects in organization and work science)	08004	Programming	10511	Forms and colours, basic
02034	Applied economics	02511	Industrial management	08005	Programming	10512	Form and colours, basic course II
02035	Applied economics	02512	Engineering economics, basic course	08006	Programming II		(Forms and colours, basic course II)
02036	Economics	02513	Industrial management, basic course	08010	Computer programming	10515	Drawing I
02037	Operations research	02515	Industrial management	08011	Introduction to programming	10520	Drawing (II)
02038	Technical economics, advanced course (Technical economics)	02520	Industrial management	08012	Intermediate programming	10530	Colours I
02039	Technical economics	02522	Industrial management and social psychology, basic course	08013	Intermediate programming	10535	Colours (II)
02040	Economic theory (Theoretical economics I)	02523	Administrative and social systems	08015	Computer programming	10540	Esthetic communication I
02041	Theoretical economics II	02525	Industrial management	08016	Programming	10544	Visual aesthetics
02045	Technical economics, project work	02530	Innovation, product development and organization	08019	Programming	10545	Visual aesthetics (Esthetic communication II)
02046	Technical economics, project work	02531	Industrial management	08020	Computer hardware foundation (Computer, theory)	10546	Visual aesthetics
02050	Optimization and project planning in petroleum economics	02532	Management control systems	08021	Computer foundation	10550	Three dimensional form (Plasticity of forms)
	(Local government (Introd.))	02533	Industrial management and development of creativity (Industrial management and creativity techniques)	08022	Computer foundation		(Modelling techniques)
02051	Optimization and project planning in petroleum economics	02534	Work study	08025	Computer laboratory (computers)	10560	Two-dimensional form (Descriptive geometry)
	(Economics of municipalities, analysis and planning)	02535	Management control systems	08026	Computer laboratory I	10561	Three-dimensional form
02060	Regional and urban economic planning and administration	02540	Management of innovation	08027	Computer laboratory II	10562	Projection drawing
	Economics of municipalities, analysis and planning	02541	(Production engineering)	08030	Advanced programming	10565	Form and colour, advanced course (Forms and colours, advanced course)
02061	Regional economics: theory and planning problems	02542	Development of creativity (Creativity techniques)	08040	Programming languages and compiler construction (Programming languages and compiler techniques)	10570	Form and colour, advanced course (Forms and colours, advanced course)
02062	Economics of municipalities, analysis and planning	02543	Organization theory	08050	Algorithms and datastructures (Information storage and retrieval)	10571	Form and colour, advanced course (Forms and colours, advanced course)
02063	Retional economics, theory and planning problems	02544	Organization theory	08051	Algorithms and datastructures, Part I	10572	Form and colour, advanced course
02064	Regional and municipal economics, project work I	02545	Science of work (Organizational democracy)	08052	Algorithms and datastructures, Part II	10573	Form and colour, advanced course
02065	Regional and municipal economics, project work II	02546	Production engineering II	08053	Algorithms and datastructures	10574	Form and colour, advanced course
02066	Regional and municipal economics, project work II	02547	Work study and wage incentives	08054	Algorithms and datastructures (File systems) (File handling systems)	10575	Form and colour, advanced course
02070	Petroleum economics and legislation	02548	Ergonomics I	08056	Data bases and data base handlings systems	10576	Form and colour, advanced course
02075	Petroleum economics, advanced course	02550	Production planning and material control	08057	File & data base systems	10577	Forms and colours
02080	Introduction to political economy	02551	Production management	08058	Social impact of information technology	10578	(Theory of structure for architects)
02201	An introduction to social sciences	02552	Sequencing	08060	Software engineering I		(Architects theory of structure)
02202	An Introduction to social sciences	02554	(Sequencing planning)	08061	(Systems engineering I)	10579	(Theory of structure)
02310	Psychology of management and organization	02555	Simulation of production systems	08062	Software engineering II	11005	Theory of structures
02311	Psychology of management and organization (Psychology of management and organization in production engineering)	02556	(Simulation techniques)	08063	(Systems engineering III)	11010	Construction of buildings (Introd.)
02320	Psychology	02560	Production engineering IV	08064	Systems engineering	11012	(Building technology I)
02330	Sociology of planning	02561	Seminar for majors in production engineering	08065	Computer performance evaluation	11015	Environmental science (Building physics)
02340	Ecological psychology and sociology	02562	Production engineering	08066	Software engineering II	11020	Basic concepts of building technology (Building physics)
02341	Methods of social research	02563	Production engineering	08067	Computer performance evaluation	11023	Applied building technology I
02343	Social-technical organization theory (Introduction to socio-technical theory)	02564	Production engineering	08070	Project work	11024	(Building technology 2)
02350	Work environment I	02565	Production engineering, Part I	08071	Programming projects	11025	(Construction of buildings 2)
02410	Organization theory (Organization theory I)	02566	Production engineering	08072	(Project work I)	11026	Introduction to computers for architects
02413	Project organization (Project management)	02567	Production engineering	08073	Software engineering projects	11028	Introduction to computers
02414	Public administration and planning (Public administration)	02568	Production engineering	08074	(Project work II)	11029	Introduction to computer programming
02415	Organization theory II	02569	Production engineering	08080	Computer science projects	11030	Introduction to computer programming (Introduction to EDB - EDB in planning)
02416	Management control systems	02570	Production engineering advanced course		(Project work III)	11031	Computer applications in architecture, advanced course
02417	Personelladministration	02571	(Production engineering, Part II)		Software engineering project	11032	Construction of buildings, advanced course
02418	Occupational hygiene	02572	Production engineering, advanced course		Simulation	11035	(Products and material in building)
02419	Strategic management	02574	Production engineering I	08090	(Computer simulation (Simula 67))	11036	Structural design
02430	Physical factors of the work environment (Work environment)	02575	Production engineering IA	08141	Operating systems	11040	Construction of buildings, advanced course
02436	Work technology and ergonomics (Work technology)	02576	Production engineering, Part III	08153	Compiler construction II	11042	Building administration and economics
	(Work technology and ergonomics)	02577	Production engineering IB	08156	Highly concurrent algorithms	11043	Building administration
02437	Ergonomics	02578	Production engineering IA	08159	Heuristic methods	11045	Building economics
02450	Industrial management	02579	Production engineering IB	08165	Data base management systems II	11046	(Building economy)
02452	Industrial law	02580	Production engineering, Part IV	08181	Systems engineering IV	11047	Building administration, advanced course
02455	Management of innovation	02580	Production engineering II	08191	Simulation II	11048	Building administration, advanced course
02456	Sociology of planning	02584	Production engineering II	08955	Operating systems II	11049	Building administration, advanced course
02460	Sociology	02586	Production engineering III	08960	Fortran	11050	Theory and design of construction
02470	Psychology	02590	Production engineering	08961	Cobol		(Structure engineering)
02476	Work and organization psychology (Industrial psychology)	02592	(Production engineering I-II)	08965	Machine coding	11055	Construction of buildings, advanced course
02477	Quality of work	02595	Project in production engineering	08953	Cobol	11056	Applied building technology II
02485	Organization and management, advanced course (Organization and work science, advanced course)	02596	Ergonomics II	08955	Computer graphics	11058	Building services
02486	Work environment, advanced course	02597	Seminar in industrial management (Seminar in production engineering)	08960	Computer terminal equipment	11067	Electrical installation
02488	Organization and work science, project work	02598	Seminar in systematic idea generation (Seminar in systematic generation of ideas)	08961	Microcomputers and terminals	11070	Introduction to materials
		08001	(Production engineering III-IV)	08965	Machine-oriented programming	11071	Forming of materials
		08002	(Production engineering)	09010	Fire precautions	11075	Introduction to metals technology
		08003	Industrial marketing	10005	Introduction to architecture	11080	Principles in lighting
			Programming I	10500	Forms and colours	11082	Principles in lighting
			Programming I	10505	Forms and colours, basic course I		
			Programming I	10507	Form and colour, basic course I		
			Programming I	10510	(Forms and colours, basic course II)		
			Programming		(Drawing techniques)		

11085	Building acoustics	14040	Masterplanning, advanced course (Town and regional planning, masterplanning, advanced course)	15050	Understanding resources and place, advanced course (Understanding space and place, advanced course)	20580	Inorganic geochemistry (Crystallurgy and mineralogy)
11086	Energy and resource use in buildings			15051	Housing renewal, advanced course	20585	Crystallography
11091	Solar heating of buildings			15060	Ergonomics	20590	General geology, advanced course
11092	Optimization of building costs			15061	Forming of materials	21005	Practical ore geology I
11093	Building cost analysis			15070	Architecture, advanced course	21006	Practical ore geology II
11094	Architecture II	14041	Master planning, advanced course (Physical planning, theory and method, advanced course)	15071	Architecture, advanced course	21010	Geology of ore deposits
11095	Architecture II			15075	Sports buildings, advanced course	21011	Microscopical mineralogy
11096	Architecture II, basic course I	14042	Town and regional planning with a special planning issue, advanced course (Masterplanning with a special planning issue, advanced course)	15080	Agricultural buildings, advanced course (Rural architecture, advanced course)	21012	Applied geochemistry
11097	Architecture II, Part I			15085	Industrial design, advanced course	21015	General ore geology
11098	Architecture II, basic course II	14045	Town and regional planning, project	15090	Industrial buildings design, advanced course (Industrial buildings, advanced course)	21020	Applied ore geology (Applied economic geology)
11099	Architecture II, Part II	14055	Landscape and built environment (Landscape and buildings)	20050	Communication skills	21021	(Geology of ore deposits), advanced course Optical mineralogy and petrography
11100	Building functions		(Landscape and buildings, basic course)	20505	Introductory geology (General geology)	21022	(Ore microscopy laboratory)
11101	(Architecture II, advanced course)	14065	Basic planning knowledge for architects (Rural- and town planning)	20508	Rocks and minerals	21025	Geological laboratory methods
11102	Ergonomics		(Planning of rural districts and densely populated areas)	20509	Crystalligraphy and mineralogy	21030	Ore geology, laboratory course
11103	Architectural design II, advanced course	14066	Basic planning knowledge for architects	20510	General geology (Physical geology)	21031	Ore geology, advanced course (Advanced ore geology)
11104	(Architecture II, advanced course)	14067	Architecture - Urban planning, basic course	20511	Crystalligraphy and mineralogy	21032	Ore geology, advanced course The geology of ore deposits
11105	Industrial design, advanced course	14070	Local environment and improvement planning, advanced course (Planning in local authorities, advanced course)	20512	Petrography	21033	The geology of mineral raw materials
11106	Forming of materials		Urban renewal, advanced course	20513	Rocks and minerals (Mineralogy and petrography)	21035	Advanced ore microscopy
11107	Architecture III, basic course I	14071	Urban renewal, advanced course	20514	Petrography	21040	Resource geology (Practical ore geology)
11108	Architectural design III, basic course II	14072	Urban renewal, advanced course	20516	Petrography	21042	Resource geology, advanced course
11109	(Architecture IV, basic course II)	14073	Urban renewal, advanced course	20520	Regional geology (Regional and structural geology)	21050	Mineral deposits, project work
11110	Architectural design IV, advanced course	14074	Urban design, advanced course	20521	Thin section microscopy	21051	Mineral resources, project work
11111	(Architecture IV, advanced course)	14075	Master planning, advanced course	20522	Optical petrography (Structural geology)	21052	Ore geology, project work
11112	Industrial buildings, advanced course	14080	Planning and constructions in developing countries, advanced course	20523	Thin section microscopy	21055	Geology (Geology for engineers)
11113	Industrial building design, advanced course	14082	History of town planning	20524	Thin section microscopy	2110	Geology for engineers (Geology)
11114	(Industrial buildings, advanced course)	14083	History of town planning	20525	Thin section microscopy	21511	(Geology for civil engineers (Physical geology))
11115	Agricultural buildings, advanced course		Reconstruction of urban areas, advanced course	20526	Regional geology	21515	Geology of soils (Geology of loose deposits)
11116	(Rural architecture, advanced course)	14085	Methods in environmental impact analysis	20527	Structural geology	21520	Engineering geology of rocks, basic course
11117	Architectural history, basic course I	14091	Interior design (Interior)	20530	Geology, advanced course	21525	(Engineering geology - rocks, basic course) (Engineering geology - rocks)
11118	Architectural history, basic course II	15005	Architecture, basic course I	20531	Petroleum geology I	21526	Engineering geology (Engineering geology of rocks)
11119	Architectural history, basic course II	15010	Architecture, basic course I	20532	Petroleum geology II	21530	Engineering geology of soils, basic course
11120	Architectural history, basic course II	15012	Architecture, basic course I	20533	Sedimentology and stratigraphy	21531	Geological laboratory methods
11121	Architectural history, basic course II	15015	Architecture, basic course 2	20534	Introduction to petroleum geology (Project work petroleum geology) (Petroleum geology project)	21532	Geological laboratory methods
11122	Scandinavian architectural history	15020	Architecture, basic course II	20535	Project work petroleum geology	21535	Engineering geology, advance course
11123	Architectural history, advanced course	15021	Architecture, basic course II	20536	Petroleum geology (Petroleum geology I)	21536	Hydrogeology
11124	Architectural history, advanced course	15022	Architecture, basic course II	20537	(Sedimentology and stratigraphy)	21540	Engineering geology, planning and specification (Engineering geology (Adv. + subslid))
11125	Architectural history, functional analysis and theory	15023	Architecture 3 - Housing, basic course	20538	Introduction to petroleum geology (Elementary petroleum geology)	21550	Engineering geology
11126	Preservation of buildings, advanced course		(Architecture, basic course 2)	20539	Diagenesis	21550	Engineering geology
11127	Architecture and preservation of buildings, advanced course	15024	Architecture 4 - Urban buildings and urban space, basic course	20540	(Petroleum geology I)	21560	Engineering geology of rocks, advanced course (Advanced engineering geology of rocks)
11128	Basic planning for civil engineers		(Architecture, basic course 3)	20541	Petroleum geology II	21561	Engineering geology of soils, advanced course (Advanced engineering geology of soils)
11129	Ressources and planning	15030	Architecture, basic course III	20542	Sedimentology and stratigraphy	21564	Research training in engineering geology
11130	Introduction to physical planning	15031	Architecture, basic course 3	20543	Petroleum geology III	21565	Laboratory course in engineering geology
11131	(Introduction to planning (physical))		(Architecture and planning III)	20544	(Sedimentology and stratigraphy)	21570	Advanced engineering geology
11132	(Introduction to physical planning)		(Architecture, basic course III)	20545	Sedimentology and stratigraphy	21595	Rock mechanics
11133	Town and regional planning, basic course I	15032	Architecture, basic course IV	20546	Subsurface facies analysis	21616	Rock mechanics
11134	Town and regional planning, basic course	15033	Architecture and planning IV	20548	Sedimentology and stratigraphy	21624	Mining engineering
11135	Town and regional planning, basic course II		(Architecture, basic course IV)	20550	Petroleum geosciences, project work	21627	Coal mining
11136	Town and regional planning, advanced course	15034	Architecture, basic course 4	20555	(Petrography)	21636	Engineering
11137	Town and regional planning, advanced course		Architecture, basic course 4	20560	Geosciences, project work	21652	Surveying and geostatistics
11138	(Masterplanning with a special planning issue, advanced course)	15035	Architecture 6 - Architectural design, basic course	20561	Diagenesis	21665	Estimation of mineral resources
11139	(Town and regional planning, masterplanning with a special planning issue, advanced course)	15036	(Architecture, basic course 5)	20562	(Photogeology)	21681	Applied rock mechanics
11140	(Town and regional planning, advanced course)	15040	Housing theory and history	20563	Regional petroleum geology	21725	Mineral processing 1
11141	(Masterplanning, advanced course)		(Architecture, basic course 5)	20564	Reservoir/production geology	21726	Mineral processing 2
11142	Local planning - site planning, basic course	15041	(Architecture, advanced course)	20565	Petroleum geological laboratory methods	21740	Treatment of drilling muds
11143	(Town and regional planning, basic course)	15042	(Architecture, advanced course)	20566	General geology for dept. I	21770	Mineral economics
11144	Local planning - site planning, basic course 1-2	15043	Space and light in architecture, advanced course	20567	Regional and tectonic geology		
11145	(Local planning - site planning, basic course)	15044	Space and light in architecture, advanced course				
11146	Local planning, basic course 1	15045	Housing, advanced course				
11147	Computer applications in physical planning		Building design and the use of resources, advanced course				
11148	Masterplanning with a special planning issue, advanced course	15046	(Architecture design, advanced course)				
11149	(Town and regional planning, masterplanning with a special planning issue, advanced course)	15047	(Architecture, advanced course)				
11150	(Town and regional planning, advanced course)	15049	Understanding space and place, advanced course	20568			

22005	Introduction to mining (Introduction to petroleum technology and prospecting, mining, mineral dressing and applied geology) (Introduction to mining)	22534	Mineral technology, advanced course (Mineral dressing IV)	23520	Physical metallurgy 2 (Physical metallurgy)	24035	Drilling engineering, project work (Project work drilling engineering)
22010	Mining engineering (Intro.)	22535	Mineral technology, project work	23521	Physical metallurgy I (Physical metallurgy)	24036	Preparation of a drilling program
22011	Mining engineering I	22540	Treatment of drilling muds	23522	Physical metallurgy II	24037	Field implementation of drilling programs
22012	Mining engineering II	22550	Mineral dressing (Adv. + Subsid.)	23530	Oil field metallurgy	24038	The drilling process
22015	Rock mechanics	22570	Mineral economics	23540	(Physical metallurgy, advanced course)	24039	Completion and safety control of the drilling well
22016	Rock mechanics	22580	Laboratory methods in mineral dressing	23541	Physical metallurgy, laboratory projects	24040	(Completion and safety control of the well)
22018	Petroleum mechanics	23000	Advanced course in mineral dressing	23551	Solidification of metals	24041	Deviated drilling
22020	Elements of mining	23001	Literature study in metallurgy	23559	(Laboratory projects in physical metallurgy)	24042	Completion and safety control of the drilling well
22021	(Mining engineering, advanced course)	23003	Introduction to metallurgy	23560	Light and electron microscopy	24043	(Petroleum production engineering I)
22022	Mining engineering I	23004	Introduction to metallurgy	23561	Light and electron microscopy	24044	Petroleum production engineering II
22023	Mining engineering II	23005	Introduction to metallurgy	23562	Light and electron microscopy	24045	Petroleum production engineering III
22024	Mining engineering	23006	Phase relations in metallurgy	23563	(Modern metallographic techniques)	24046	Petroleum production engineering (Project work in petroleum production engineering)
	(Mining engineering III)	23007	Introduction to phase diagrams	23564	Strengthening of metals	24047	Petroleum production engineering I
22025	Mining engineering IV	23008	Phase relations in metallurgy	23565	Dislocation theory I	24048	Petroleum production engineering II
	(Student project in mining engineering)	23010	Chemical metallurgy I	23566	Dislocation theory II	24049	Petroleum production engineering III
22026	Mining engineering I	23011	Chemical metallurgy I	23567	Phase transformations in metals	24050	Reservoir engineering I
22027	Coal mining	23012	Chemical metallurgy II	23568	The physical metallurgy of steels	24051	Reservoir engineering I
	(Mining engineering II)	23013	Chemical metallurgy III	23569	Recovery, recrystallization and texture	24052	Reservoir engineering II
22028	Mining engineering, advanced course	23014	(Introduction to phase equilibria)	23570	Welding metallurgy	24053	Reservoir engineering III
	(Mining engineering III)	23020	Kinetics of metallurgical processes	23581	Advanced welding metallurgy	24054	Reservoir engineering IV
22029	Mining engineering, project work	23030	Chemical metallurgy	23580	Metallurgy laboratory	24055	Reservoir engineering, project work
	(Elements of mining)	23040	Chemical metallurgy, advanced course	23581	Metallurgy laboratory I	24056	(Project work reservoir engineering)
22030	Mining machinery	23041	Metallurgical engineering I	23582	Metallurgy laboratory II	24057	Petroleum related topics, project work
22031	Elements of mechanical engineering	23042	Metallurgical engineering II	23583	Metallurgy laboratory III FM	24058	Properties of reservoir rocks
22032	Engineering I	23043	Metallurgical engineering III	23584	Metallurgy laboratory III PM	24059	Well testing
	(Machinery I)	23044	Electric furnaces	24001	Applied geophysics	24060	Reservoir recovery techniques
	(Introduction to machinery I)	23045	Electric furnaces for melting and smelting	24010	(Petroleum technology)	24061	Reservoir simulation
22034	Machinery 2	23047	Particle technology/gascleaning	24011	Applied geophysics	24062	Properties of reservoir fluids
	(Introduction to machinery II)	23050	(Particle technology/Gascleaning)	24013	Introduction to applied geophysics	24063	Applied computer methods in petroleum science
22035	Introduction to engineering	23051	Industrial metallurgy I	24014	(Applied geophysics I)	24064	Petroleum related topics, project work
	(Introduction to project development)	23052	Extractive metallurgy I	24015	Gravimetry and magnetometry	24065	Mineral law
22036	(Mining machinery, advanced course)	23053	Extractive metallurgy II	24016	(Applied geophysics II)	24066	Development of numerical reservoir models
	Engineering A	23054	Extractive metallurgy 1	24017	Reflection seismology II	24067	A practical guide for business development related to the petroleum
	(Mining machinery)	23055	(Ferrous metallurgy)	24018	(Applied geophysics III)	24068	Thermodynamics of hydrocarbon mixtures
22037	Engineering B	23056	Electrometallurgy	24019	(Applied geophysics IV)	24069	Petroleum economics and legislation
22040	Applied geophysics	23060	(Extractive metallurgy)	24020	Mining geophysics	24070	(Petroleum economy, mineral-law and regulations)
22045	Gravimetric and seismic methods in geophysics	23063	Industrial metallurgy II	24021	(Mining geophysics I)	24071	Engineering (Economical and legal aspects of petroleum engineering)
22050	Surveying	23065	Process analysis	24022	(Applied geophysics V)	30010	Material science - metallic materials, basic course
	(Mine-surveying I)	23066	Secondary metallurgy	24023	Mining geophysics, exercises	30020	Personal computing in civil engineering
22051	Surveying	23067	(Metallurgy of refining)	24024	(Mining geophysics, project work)	30021	Personal computing in civil engineering
	(Surveying)	23068	(Metallurgy of steelmaking)	24025	(Mining and engineering geophysics, project work)	30055	Technical drawing
22052	(Mine-surveying I)	23069	Secondary metallurgy	24026	(Reflection seismology III)	30510	Engineering drawing
22060	Surveying and geostatistics	23070	(Metallurgy of steelmaking)	24027	(Applied geophysics VI)	30515	Design of building structures, basic course
22061	Mine-surveying	23075	Process metallurgy, project work	24028	(Petroleum engineering and applied geophysics)	30520	Planning in civil engineering
	(Mine-surveying II)	23076	Metallurgical plant engineering, project work	24029	Mining geophysics II	30530	Reinforced concrete structures
22062	Mine-surveying	23080	(Student project in metallurgical plant engineering)	24030	(Mining geophysics)	31002	Building materials
22063	Mine-surveying III	23085	Metallurgy, project work	24031	Engineering geophysics	31003	(Building materials, basic course)
22064	Introduction to geostatistics	23086	Extractive metallurgy	24032	Interpretation of helicopter measurements.	31005	(Materials science)
22065	Estimation of mineral resources	23087	(Extractive metallurgy (For chemists))	24033	Well logging	31006	Building materials
22068	Applied rock mechanics	23088	Introduction to physical metallurgy	24034	(Well logging I)	31007	Material science
22082	Environmental conditions under ground	23089	(Physical metallurgy I)	24035	(Well logging)	31008	Materials science
22084	Advanced mine surveying	23090	Physical metallurgy II	24036	Interpretation of welldata	31010	Materials science
22510	Mineral dressing	23091	Physical metallurgy III	24037	(Well logging I)	31011	Materials science
22511	Mineral dressing I	23092	Physical metallurgy, basic course	24038	Well logging II	31012	Materials science
22512	Mineral dressing I	23093	Physical metallurgy I	24039	Seismic wavepropagation	31013	Concrete technology, basic course
22513	Mineral dressing	23094	Physical metallurgy II	24040	(Reflection seismology I)	31015	Materials science
	(Mineral dressing I)	23095	The mechanical properties of metals I	24041	Geophysical signal analysis	31020	Materials science
22521	Mineral dressing II	23096	(Physical metallurgy III)	24042	Seismic data acquisition and processing	31022	Materials science
22522	Mineral dressing II	23097	Phase transformations in metals	24043	(Reflection seismology II)	31023	Steel and light metal alloys, basic course
22525	Mineral processing 1	23098	(Physical metallurgy IV)	24044	Seismic interpretation	31025	Materials science
22526	Mineral processing	23099	Phase transformations in metals	24045	(Reflection seismology III)	31030	Materials science
222530	Mineral dressing economics	23100	The mechanical properties of metals II	24046	Gravimetry and magnetometry	31040	Materials science
22531	Mineral dressing II	23101	(The mechanical properties of metals)	24047	Deepwell drilling methods, equipment and systems	31050	Procedures for testing materials
22532	Mineral dressing II	23102	Physical metallurgy I	24048	Preparation of a drilling program	31060	Procedures for testing materials, advanced course
22533	Mineral dressing II	23103	Physical metallurgy II	24049	(Drilling engineering I)	31068	Building materials, project
		23519	Physical metallurgy 1	24050	Field implementation of drilling programs	31061	Concrete technology, advanced course
				24051	(Drilling engineering II)	31063	Polymer materials
				24052	Drilling contracting	31062	Concrete technology - Production and construction, advanced course
				24053	(Drilling contracting)	31064	Composite materials
				24054	(Drilling contracting: Rig operations and maintenance)	31065	Polymeric materials, advanced course

31066	Composite materials	32099	Safety and optimization of structures	33561	Experimental soil mechanics, advanced course	34545	(Hydro-electric power plants)
31067	Building materials, advanced course (Materials science, advanced course)	32210	Introduction to structural design, basic course	33562	Theoretical soil mechanics, advanced course	34545	(Dams and power plants)
31070	Deterioration of concrete (Materials science)	32211	Introduction to structural design (Introduction to structural design, basic course)	33563	Foundation engineering, advanced course	34546	Sanitary engineering, advanced course
31071	Fracture of materials (Strings of structural materials)	32505	Reinforced concrete, fundamentals of theory and design, basic course	33565	Experimental soil mechanics, advanced course	34546	(Hydrology and hydraulic)
31073	Advanced concrete technology	32506	Reinforced concrete structures	33566	Theoretical soil mechanics, advanced course	34547	Water and wastewater treatment, advanced course
31074	Composite materials	32507	Concrete structures 1, basic course	33567	Foundation engineering, advanced course	34548	(Hydrology, sanitary chemistry and microbiology)
31055	Theory of structures	32508	Concrete structures 2, basic course	33570	Geotechnical engineering, project	34548	Hydraulic structures, advanced course
31056	Structural mechanics	32510	Concrete structures (Introd.)	33581	Safety analyses in geotechnical engineering	34549	Water resources planning, advanced course
310510	Theory of structures	32511	Concrete technology, basic course	33582	Marine geotechnical engineering	34549	Hydraulics and sanitary engineering, project
310515	Theory of structures, advanced course	32512	Concrete technology, basic course	34010	Highway engineering	34550	Applied hydrodynamics
310516	Matrix methods in structural engineering, basic course (Matrix methods in structural analysis, basic course)	32515	Construction of buildings (Concrete structures)	34015	Highway engineering, basic course (Introduction to highway engineering, basic course)	34555	Applied hydrodynamics (Adv.+Subsid.)
310520	Theory of structures, advanced course	32525	Concrete structures	34020	Highway, railway and airport engineering	34556	Hydraulics and hydrology
310523	Theory of structures, advanced course	32530	Planning and design of concrete structures, basic course (Concrete structures, advanced course)	34025	Highway planning, basic course	34557	Hydraulics, basic course
310525	Theory of structures, advanced course	32540	Concrete structures, advanced course	34026	(Introduction to highway planning, basic course)	34558	Hydrology, basic course
310526	Stability and nonlinear problems, basic course	32550	Construction of bridges	34027	Highway planning, basic course	34559	Sanitary engineering 1, basic course
310527	Computer methods in structural engineering, basic course	32551	Planning and prefabrication in building construction	34030	Highway, railway and airport engineering (subsid.)	34560	(Sanitary engineering 1)
310530	Theory of structures, advanced course	32552	Reinforced concrete structures	34040	Construction and roadway management, advanced course	34561	Sanitary engineering 2, basic course
310535	Two-dimensional theory of elasticity, basic course (Two-dimensional elasticity problems)	32561	Concrete technology - properties of hardened concrete, advanced course (Design of bridge structures, advanced course)	34041	Highway design, advanced course	34562	Sanitary engineering 2, basic course
310536	Structural dynamics, basic course	32562	Precast concrete structures, advanced course	34050	Highway engineering, project	35563	Construction engineering, advanced course
310540	Theory of structures, advanced course	32563	Reinforced concrete, analysis and design, advanced course	34080	Traffic engineering	34565	Water chemistry, basic course
310545	Theory of structures, advanced course	32564	Design of concrete structures, advanced course (Structural design of selected concrete structures, advanced course)	34081	Highway and airport design, advanced course	34566	Hydraulics and water resources, basic course
310546	Structural dynamics	32565	Design of bridges and heavy concrete structures, advanced course	34082	Highway technology and construction, advanced course	34567	Water chemistry, basic course
310550	Thin-walled beams	32566	Concrete technology, advanced course	34083	Railway engineering, advanced course	34570	Water and sewage engineering, advanced course
310551	Finite element methods	32567	Concrete technology, advanced course	34087	Traffic engineering, advanced course	34571	Sanitary engineering, advanced course (Sanitary engineering (II), advanced course)
310552	Experimental stress analysis	32568	Reinforced concrete, fundamentals of theory and design, advanced course	34088	Traffic engineering (adv.+subsid.)	34572	Water and wastewater treatment, advanced course (Water treatment, advanced course)
310553	Axissymmetric shells	32569	Reinforced concrete, project	34089	Computing techniques in highway design and construction	34573	Solid waste management, advanced course
310554	Cylindrical shells	32581	Reinforced concrete (Yield - Line Theory)	34120	Design of pavements	34574	Hydraulic structures, advanced course (Water management, advanced course)
310555	Transfer matrix methods in structural analysis	32582	Shear in concrete structures	34215	Transportation engineering, basic course	34575	Water resources planning, advanced course (Effects of wastewater disposal on aquatic environments, advanced course)
310561	Finite element methods, advanced course	32583	Dynamic response of concrete structures	34216	(Traffic engineering)	34577	Hydraulics and sanitary engineering, project
310562	Torsion and bending of structural members, advanced course	32584	Design by testing	34220	Transportation planning, basic course	34579	Pollution and the environment
310563	Theory of shell structures, advanced course (Axisymmetric shells, advanced course)	33005	Building materials	34222	Transportation planning 1, basic course	34580	Water and sewage engineering (Adv.+Subsid.)
310564	Experimental stress and analysis, advanced course	33010	Building technology, basic course (Building technology (I), basic course)	34223	Traffic engineering, advanced course	34581	Advanced water and wastewater treatment
310565	Thin-walled structures, advanced course	33020	Building organization, basic course	34264	Regional transportation and engineering advanced course	34582	Sludge treatment and disposal
310566	Structural dynamics, advanced course	33040	(Building technology, advanced course)	34265	Transportation planning 2, advanced course	34585	Water management
310581	Advanced topics in finite element methods	33041	Building technology 1, basic course	34266	Traffic engineering 2, advanced course	34592	Urban storm runoff technology
310582	Energy methods	33042	Building rehabilitation, advanced course	34269	Traffic engineering	35001	Marine hydromechanics, basic course
310583	Random vibrations	33043	Building materials, advanced course	34270	Transportation engineering, project	35005	Hydromechanics
310584	Mathematical modelling of materials	33061	Building technology, project	34505	(Traffic engineering, project)	35010	Port engineering
310586	Analysis of nonlinear structures	33062	Building technology, advanced course	34510	Fluid mechanics	35011	Port engineering, basic course
310599	Energy methods	33063	Building organization, advanced course	34515	Hydraulics and water resources, basic course	35020	Port engineering, advanced course
320010	Technical communication (Construction of buildings)	33064	Building acoustics, advanced course	34516	(Hydrology and hydro-electric dams and power plants)	35021	Marine technology, basic course
32020	Steel structures, basic course	33065	Building rehabilitation, advanced course	34517	Introduction to water resources planning	35030	Port engineering (Adv.+Subsid.)
32030	Steel structures	33040	Building technology, advanced course	34518	Hydrology, basic course	35061	Marine technology, advanced course
32040	Steel structures, advanced course	33041	Building materials, advanced course	34519	Hydraulic structures 1, basic course	35062	Port planning, advanced course
32060	Timber structures, basic course	33042	Building technology, advanced course	34520	Hydraulic structures 2, basic course	35063	(Port engineering and transportation, advanced course)
32061	Design of bridge structures, advanced course	33043	Building rehabilitation, advanced course	34521	Hydrotechnical constructions, advanced course	35064	Marine technology - structures, advanced course
32062	Design of steel structures, advanced course (Safety and optimization of structures, advanced course)	33045	Building technology, project	34523	Applied hydrology, advanced course	35070	Marine technology - environment, advanced course
32063	Fatigue of structures, advanced course (Fatigue of structures, advanced course)	33062	Building technology, advanced course	34524	Hydraulics, advanced course	35073	Recent wave theories
32064	(Fatigue of structures, advanced course)	33063	Building organization, advanced course	34525	(Applied hydraulics, advanced course)	35505	(Hydrodynamic of marine structures)
32065	Load-carrying capacity of steel structures, advanced course (Aluminum structures, advanced course)	33064	Building acoustics, advanced course	34526	Hydrotechnical engineering, advanced course	35505	Numerical methods for hydromechanic problems
32066	Testing of structures, advanced course	33072	Indoor climate, advanced course	34527	(Hydrotechnical constructions, advanced course)	35510	Construction planning, basic course
32067	Design of selected steel structures, advanced course (Special steel structures, advanced course)	33073	Fire protection in structural engineering	34528	Sanitary engineering 1, basic course	35515	Construction methods and planning
32068	Design of steel structures, advanced course	33081	Housing rehabilitation	34529	Sanitary engineering 2, basic course	35520	Building construction and management, basic course
32069	Testing of structures, advanced course	33095	Building organization, advanced course	34530	Hydrology and hydro-electric power plants, advanced course	35525	(Building construction, basic course)
32070	Design methods for steel structures	33510	Construction of houses	34531	Hydrotechnical constructions, advanced course	35526	Rock blasting techniques and equipment
32081	Design of steel structures, advanced course	33511	Soil mechanics I, basic course	34532	Applied hydrology, advanced course	35530	Construction engineering, basic course
32082	Testing of structures, advanced course	33515	(Soil mechanics 1)	34533	Hydraulics, advanced course	35535	Construction management, basic course
32083	Cold-formed steel structures	33520	(Soil mechanics and foundation engineering)	34534	(Applied hydraulics, advanced course)	35535	(Planning construction projects, advanced course)
32084	Timber structures, advanced course	33525	Soil mechanics I, basic course	34535	Hydrotechnical engineering, advanced course	35540	(Construction engineering (sp.c.m.a.c.)
32085	Timber structures, advanced course	33530	Soil mechanics I, advanced course	34536	(Hydrology and hydro-electric power plants)	35540	Construction engineering, methods and equipment, basic course
32086	Design methods for steel structures	33535	Soil mechanics II, basic course	34537	Sanitary engineering 1, basic course	35540	Planning construction (Adv.+Subsid.)
32087	Testing of structures	33530	Soil mechanics II, advanced course	34538	Sanitary engineering 2, basic course	35540	Construction engineering (sp.c.m.i.s.)
32088	Cold-formed steel structures	33540	Soil mechanics	34539	Hydrology and hydro-electric power plants (Adv.+subsid.)	35540	Planning construction engineering (sp.c.m.i.s.)
				34540	Water chemistry, basic course		
				34540	Hydro power development		

35560	Construction machinery		advanced course	41010	Electric power fundamentals (Electrical power engineering (Introd.))	41260	Planning and economic operation of energy systems (Planning and economic operation of hydroelectric power systems)
35561	Building construction, advanced course	37006	Object-oriented methods in structural engineering	41020	Electric power lab. I	41261	Energy economics
35562	Construction engineering, advanced course		advanced course	41025	Electric circuit laboratory 3	41301	Electrical machines I
35563	Construction management, advanced course		(Object-oriented programming in structural engineering, advanced course)	41030	Electric power laboratory (Electric power lab. II)	41302	Electrical machines and semiconductor power converters
35564	Project work, advanced course		(Computer aided structural design, advanced course)	41050	Field analysis in electric power engineering	41303	Electrical machines and power electronics
35565	Building construction and construction engineering, project work, advanced course (Project work, advanced course)	37010	Structural mechanics	41051	Field analysis in electric power engineering	41304	Electrical machines and semiconductor power converters
35567	Construction management, advanced course	37012	Introduction to structural design, basic course	41070	Stability of power systems and motor drives		Electrical machines and semiconductor power converters
35570	Building construction and construction engineering project work	37014	Matrix and finite element methods in structural engineering, basic course	41090	Term project in power engineering (Term project in electric power fundamentals)	41305	Electrical machines and semiconductor power converters
36003	Surveying	37015	Matrix methods in structural engineering, basic course	41091	(Student project in power engineering) Electric power engineering, term project (Term project in electric power engineering)	41306	Electrical machines and semiconductor power converters
36005	Surveying (Introd.)	37016	Stability and nonlinear problems basic course	41110	Electric circuit theory	41307	Electrical machines and semiconductor power converters
36010	Surveying (Introd.)	37017	Computer methods in structural engineering, basic course	41111	Electric circuit analysis	41310	Electrical engineering (Introd.)
36015	Surveying	37018	Twodimensional theory of elasticity, basic course	41112	Electric circuit analysis	41312	Basic electrical engineering (Electrical engineering)
36016	Surveying I	37019	Structural dynamics, basic course	41113	Electric circuit analysis	41313	Basic electrical engineering (Electrical engineering)
36017	Surveying 1, basic course (Surveying)	37021	Buckling and vibration, basic course	41115	Electrical engineering materials		Basic electrical engineering (Electrical engineering)
36020	Surveying	37022	Theory of elasticity, basic course	41120	Electrical measurements	41315	Basic electrical engineering (Electrical engineering)
36025	Geodesy	37023	Computer programming in structural analysis, basic course	41121	Electrical measurements	41316	Electrical engineering
36026	Survey adjustment and least squares	37030	Finite element methods, advanced course	41122	Electrical measurements, advanced course	41317	Electrical engineering
36027	Surveying II, basic course (Surveying II)	37031	Thin-walled structures, advanced course	41123	High voltage technology I	41320	Electrical engineering laboratory
36028	Applied geodesy	37032	Structural engineering, project, advanced course	41125	High voltage technology II	41327	Electrical machinery
36029	Geodesy I, basic course (Geodesy I)	37033	Structural engineering, project	41126	High voltage technology II	41328	Electrical machinery
36035	Geodesy	37034	Finite element methods, advanced course	41127	High voltage technology	41330	Electrical machinery
36036	Geodesy, basic course	37050	Steel structures, basic course	41128	High voltage technology & power systems	41331	Electrical machines II (Electrical machines)
36037	Geodesy II, basic course (Geodesy II)	37051	Steel and light metal alloys, basic course	41130	High voltage technology & power systems	41332	Power electronics
36038	Geodesy 2, basic course	37052	Timber structures, basic course	41131	Power systems	41333	Power electronics and electrical drives (Power electronics 1)
36040	Cartography, basic course (Applied geodesy)	37053	Timber structures, basic course	41132	High voltage materials science	41334	Special topics in power electronics, advanced course (Special topics in power electronics 2)
36041	Photogrammetry 1, basic course	37055	Design of steel structures, basic course	41133	High voltage technology	41335	Practical electronics
36042	Photogrammetry 1 and 2, basic course	37060	Design of steel structures, advanced course	41134	Reliability of electrical power systems	41336	Special topics in power electronics
36043	Photogrammetry 3, basic course	37061	Fatigue of structures, advanced course	41135	Transient overvoltages in electric power systems	41340	Electrical machinery, advanced course (Field calculations in electric power engineering)
36044	Digital cartography, basic course	37062	Load-carrying capacity of steel structures, advanced course	41136	Gas insulated high-voltage switchgear (High voltage insulation design)	41911	Conductivity, losses and dielectric breakdown in solid and liquid insulation materials
36045	Digital cartography, basic course (Photogrammetry)	37063	Timber structures, advanced course	41138	(Planning of high voltage systems)	41912	Electrical discharges and breakdown in gases
36046	Photogrammetry and photointerpretation, basic course	37064	Design of steel structures, basic course	41139	Circuit breakers in power systems (Circuit breakers and arc physics)	41913	Transient overvoltages in electric power systems
36047	Remote sensing and information systems, basic course	37065	Fatigue of structures, advanced course	41141	Electrical insulation, materials and systems	41914	Insulation coordination
	(Photogrammetry, advanced course)	37066	Load-carrying capacity of steel structures, advanced course	41142	Gas insulated high-voltage switchgear	41915	Evaluation of high voltage insulation
36048	Photogrammetry I, basic course	37067	Design of dynamic loaded structures, advanced course	41150	High voltage equipment	41921	Power system analysis II
36049	Photogrammetry II, basic course	37070	Marine hydromechanics, basic course	41151	Insulation coordination	41922	Power system economics
36050	Remote sensing, advanced course (Geodesy, advanced course)	37071	Port engineering, basic course	41205	Power systems analysis	41923	Power system reliability analysis
36051	Close range photogrammetry, advanced course	37072	Marine technology, basic course	41206	Power systems analysis	41931	Advanced power electronics
36055	Geodesy, advanced course	37073	Coastal engineering, basic course	41207	Electrical power systems	41932	Field calculations in electric power engineering
36060	Photogrammetry	37074	Environmental loads, basic course	41208	Electrical power systems	41933	Induction machines
36061	Applied geodesy, advanced course (Geodesy, advanced course)	37075	Stochastic vibrations, basic course	41210	Electric power supply (Electrical power systems)	42005	Electronic circuits
36062	Global geodesy, advanced course (Geodesy, advanced course)	37076	Vibrations and dynamic response, basic course	41211	Electrical power systems	42006	Electronics laboratory
36063	Photogrammetry and remote sensing, advanced course (Geodetic astronomy, advanced course)	37080	Port planning, advanced course	41212	Electric power supply (Electric power supply and systems)	42010	Electronics (Telecommunication theory)
	(Navigational astronomy, advanced course)	37081	Marine technology - structures, advanced course	41213	(Electrical power systems, advanced course)	42011	Electric circuits
	(Theory of errors, advanced course)	37082	Marine technology - environment, advanced course	41214	Power system analysis	42012	Introduction to communications
36064	Analytical photogrammetry, advanced course	37083	Environmental loads and the environment, advanced course	41215	(Power system analysis II)	42015	Digital circuits
36065	Instruments and methods, advanced course	40010	Port engineering, advanced course	41216	Control and protection of electrical power systems	42017	Digital circuits
36066	Digital cartography, advanced course (Cartography and automation, advanced course)	40012	Electric circuit lab.	41220	Control of power systems	42018	Digital circuits
36067	Applied geodesy, advanced course	40013	Electrotechnical laboratory course	41220	(Electrical power systems control)	42020	Signal processing (Telecommunication laboratory I)
36068	Global geodesy, advanced course	40017	Electric circuit laboratory I	41230	Electrical power systems, advanced course	42030	Telecommunication laboratory II
36070	Photogrammetry	40018	Electric circuit laboratory 2	41234	Heating with electricity (Introd.)	42031	Signal transmission
36071	Satellite geodesy	40019	Electric circuit laboratory 2	41235	Reliability in electric power systems	42032	Signal processing and communications (Signal processing)
36072	Remote sensing	40020	Electric circuit laboratory II	41240	Power systems protection and reliability analysis		Signal processing
36073	Automation of map production	40021	Electric circuit laboratory II	41241	(Power systems protection and safety analysis)	42033	Signal processing 1
36074	Advanced theory of errors and adjustment	40022	Electric circuit laboratory II	41242	(Protection and safety analysis in electrical power systems)	42040	Communication systems
36080	Geodesy and photogrammetry, project (Photogrammetry, advanced course)	40023	Electric circuit laboratory 2	41250	Heating with electricity	42045	Digital signal processing
36085	Photogrammetry, basic course	40030	(Electric circuit laboratory II)		Industrial electro-heat	42090	Term project in telecommunication
37001	Technical communication	40031	Electric circuit laboratory III		Industrial electro-heat	42110	Acoustics
37005	Computer aided structural design,	40033	Laboratory		Industrial electro-heat	42111	Acoustics
		40041	Laboratory:		(Economic and engineering aspects of power consumption)	42112	Acoustics
		40042	Graphic communication		(Economical and technical problems in consumption of electricity)		
		40050	Graphic communication		(Systems theory)		
		40051	Electric circuits				
			System theory, basic course				
			(Systems theory)				
				41250	Light and lighting		

42113	Acoustics, vibrations and noise	(Teletraffic theory)	43041	Dynamic systems modelling	43552	Real time computing II	
42114	Electroacoustics	Sequential circuits	43042	Dynamic systems modelling	43553	(Computer control 2)	
42115	Noise and vibrations	Telecommunication switching systems engineering	43044	Optimization methods	43553	Real time computing, special topics	
	(Acoustics)	Switching systems engineering laboratory	43045	Modelling and simulation of continuous-time systems	43554	(Real time computing, special terms)	
42116	Underwater acoustics	(Digital circuits laboratory)	43050	Introduction to computer engineering	43554	Real time computing	
42117	Acoustics laboratory	Digital processors in telecommunication	43051	Computer engineering methods	43911	Mathematical system theory	
42119	Pollution and the environment	Datacommunication networks I	43052	Computer engineering	43912	Identification and estimation theory	
42120	Electroacoustics	(Datacommunication networks)	43110	Multivariable control systems	43913	(Identification and estimation in control systems)	
42121	(Acoustics, advanced course)	Datacommunication networks II		(Control engineering)	43913	Optimal control	
	Electroacoustics	Datacommunication networks laboratory		(Control systems)	43914	Control for distributed parameter systems	
42122	(Machinery noise)	Datacommunication networks laboratory	43111	Multivariable control systems	43915	(Distributed parameter systems)	
42123	Speech and music technology	Communication systems programming	43112	Multivariable control systems	43916	Fuzzy systems	
42124	Speech and music technology	Telecommunication switching systems, term project		(Stochastic systems and estimation theory)	43921	Hierarchical control systems	
42125	Hydroacoustics	(Term project in telecommunication switching systems)		(Stochastic systems)	43922	Microprocessors as component	
42126	Hydro and geoacoustics	Signal transmission	43113	Nonlinear systems and stability theory	43922	Microprocessors	
42128	Geoacoustics	Telecommunication transmission systems		(Nonlinear control systems)	43931	Darek, a system for computer-aided design of	
42130	Audio circuits	Telecommunication transmission systems	43114	Special topics in control engineering	control systems	43941	Abstract automata
42131	Signal transmission	Telecommunication transmission systems	43115	Stochastic systems I	43942	Formal languages	
42140	Audio circuits	Transmission systems laboratory	43116	Stochastic systems II	43943	Reliability in computer systems	
42142	Low frequency circuits	Digital transmission	43117	Stochastic and adaptive systems	43944	Distributed computing	
42190	Acoustics, term project	Telecommunication transmission systems	43119	Optimization methods	44001	Electric circuits	
	(Acoustics laboratory and project)	Network synthesis I	43120	Control engineering, advanced course		(Electrical circuits)	
42205	Electronic circuits I	Network synthesis laboratory	43121	Digital and analog simulation	44010	Basic theory of electromagnetic fields	
42207	Radio engineering	Network synthesis II	43122	Simulation of dynamic systems	44011	Electromagnetics	
42210	Radio engineering	Information theory and signal theory	43123	Simulation of continuous-time systems	44012	Electromagnetics	
42211	Radio engineering I	Signal theory	43128	Control engineering, advanced course	44013	Electromagnetics	
42212	Radio engineering II	Signal theory	43130	Instrumentation	44014	Theory of electromagnetic fields, basic course	
42215	Radio engineering II	Information theory	43135	Medical cybernetics	44015	Electromagnetics	
42220	Radio engineering, advanced course	Radio communications	43137	Signal processing in ultrasound diagnosis	44020	Solid state and microelectronic engineering	
42224	Electronic circuit design	Radio communications laboratory	43140	Biocybernetics I		(Introd.)	
42225	Electronic circuitry	Teletransmission, project	43141	Biocybernetics I	44025	Physical electronics	
42227	Electronic circuitry laboratory	(Teletransmission project and laboratory)	43142	Signal processing in ultrasound diagnosis	44026	Physical electronics	
42230	Electronic circuits II	Theory of information and coding	43143	Biochemical engineering, special topics	44027	Physical electronics	
	(Electronic amplifiers)	42521	43144	Biocybernetics II	44028	Physics of electrical components	
42232	Electronic amplification theory, advanced course	Theory of information and coding	43145	Ecological cybernetics	44030	Electronic circuits	
42235	Computer-aided design and manufacturing	Digital signal processing	43150	Computer control systems		(Solid state and microelectronic engineering)	
42240	Microwave engineering	Signal processing laboratory	43151	Process computers	44031	Analog electronic circuits	
42241	Microwave engineering I	Digital signal processing	43152	Process computers, advanced course	44032	(Electro-optics I)	
	(Microwave engineering)	Digital coding of analog waveforms	43153	Real time computing I		Analog electronic circuits	
42242	Microwave laboratory	Signal processing, project	43154	Real time computing II	44032	(Wave theory)	
	(Microwave engineering, advanced course)	(Signal processing laboratory and term project)	43160	Computers I	44033	Electro-optics II	
42243	Microwave engineering II	Radio communication systems, project	43161	Computers II	44034	Wave propagation	
42247	Microwave integrated circuits	(Radio communication systems, laboratory and project)	43162	Computer networks		(Propagation of waves)	
42248	Microwave integrated circuits	Theoretical acoustics	43163	Special topics in computer engineering	44037	Lasers	
42250	Radio systems	Theoretical acoustics I		(Special course in computers)	44038	Optical communication	
42260	Antennas and propagation	Theoretical acoustics II	43164	Special topics in real time computing	44040	Solid state and microelectronic engineering	
42261	Antennas and radiation	Room acoustics	43171	Darek, a system for computer-aided design of		advanced course	
42262	Antenna measurements laboratory	Theory of electrical networks	43172	control systems	44041	Laboratory course in physical electronics	
42270	Maritime navigation and communication systems I	Time-harmonic electromagnetic fields	43180	Computing elements	44042	Electronic technology, laboratory	
42271	Basic navigation	Communication systems theory	43190	Engineering cybernetics laboratory	44043	Electrooptics laboratory	
	(Basic maritime navigation)	Time-harmonic elelromagnetic fields		(Laboratory course in automation)	44044	Circuit laboratory	
42272	Navigation systems	Teletraffic simulation		Engineering cybernetics, term project	44048	Digital design	
	(Maritime navigation and communication systems II)	Architecture of digital switching systems	43235	(Term project in engineering cybernetics)		(Digital electronic circuits)	
42275	Radar and radio navigation systems	Reliability in telecommunication systems	43241	(Student project in automation)	44050	Digital electronic circuits	
42276	Radar and radio navigation systems	Traffic analysis of computer communication networks	43242	Reliability and safety in process control systems		(Semi-conductor technology)	
42280	Remote sensing	Communication protocols	43251	Process control structures	44051	Digital electronic circuits 1	
42305	Telecommunicaton networks	Optimization in network and signal theory	43310	Computer-aided design of control systems		(Materials technology for electronics and electrooptics)	
42306	Communications networks	Advanced signal theory	43312	Instrumentation and measurements	44053	Circuit and component technology	
	(Telephone engineering)	Radar, principles, theory and applications	43314	Instrumentation systems	44054	Electronic circuit technology	
42307	Telecommunication networks	Digital filtering and spectral analysis	43410	Industrial electronics	44056	Microwave semiconductor components	
	(Telephone engineering)	Applications of digital signal processing	43412	Robotic manipulators	44057	Integrated circuits	
42308	Telephone engineering, advanced course	Advanced microwave engineering	43421	Sensory control of robots	44058	Semiconductor technology	
42310	Telephone engineering, special topics	Control engineering	43441	Robot programming	44059	Circuit technology	
42311	Telecommunication switching systems I	(Automation technics)	43442	(Programming of robots)	44060	Transmission lines	
	Telecommunication switching nodes	(Control systems)	43444	Systems for guidance and control	44061	Electromagnetic and acoustic waves	
42315	Telecommunication switching systems	Control engineering	43446	Systems for guidance and control	44070	Computer-aided design and manufacturing	
42316	Telecommunication switching systems laboratory	Control engineering 1	43482	Industrial electronics		of electronics	
42318	Digital switching in telecommunication networks	Control engineering	43482	Biocybernetics 2	44071	(Computer-aided design and manufacturing)	
42320	Teletraffic theory	(Control systems)	43482	Computer design		Cad/cam of electronics	
	(Telecommunication switching, advanced course)	Simulation of continuous-time system	43482	Computer architecture	44071	(Computer-aided design and manufacturing of	
42325	Performance evaluation of telecommunication networks	Monovariable control systems	43510	Computer engineering, special topics		electronics)	
	(Modeling and measurements)	(Optimization methods)	43512	Real time computing I	44072	Electronic circuit design	
42330	Economic and technical planning of telecommunication systems	Servo mechanisms	43513	(Computer control 1)	44074	Network synthesis I	
		Real time computer control	43551				
		Dynamic systems modelling					

44076	Network synthesis laboratory	45071	Programming projects	50533	(Inorganic chemistry (introd.))	51025	Organic chemistry
44077	Network synthesis II	45073	Computer science projects	50533	Heterogeneous equilibria and phase diagrams	51026	Intermediate organic chemistry
44078	Circuit optimization	45074	Software engineering projects	50533	(High temperature chemistry 1 - Heterogeneous equilibria and phase diagrams)	51027	Spectroscopic methods in organic chemistry
44079	Network synthesis	45075	Software program systems, project work (Project work in program system)	50534	Solid state reactions	51028	Nuclear magnetic resonance in organic chemistry
44080	Special topics in physical electronics	45080	Simulation	50534	(High temperature chemistry 2 - Solid state reactions)	51028	(Magnetic resonance in organic chemistry)
44081	Special topics in electrooptics	45081	Discrete simulation	50535	Ceramics 1 - Materials properties	51030	(Spectroscopic methods in organic chemistry)
44082	Electrooptics	45090	Operating systems	50536	Ceramics 2 - Production processes	51035	Organic chemistry
44090	Term projects in physical electronics	45091	Systems programming (Machine-oriented programming)	50537	Ceramics	51040	Natural products chemistry, basic course
44091	Team projects in Integrated circuit	45092	Programming languages	50540	Inorganic chemistry II	51045	(Natural products chemistry)
44092	Electrooptics, term projects (Term projects in electrooptics)	45110	Symbolic computation	50541	Ceramic technology	51050	Organic chemistry
44093	Microelectronics, term projects (Term projects in microelectronics)	45115	Expert systems	50542	Refractories	51051	Natural products chemistry, lab.course
44094	Applied electronics	45120	Office Information systems	50543	Inorganic chemistry 2	51052	Xhromatography in organic chemistry
44095	Electromagnetic wave theory	45205	Computer systems	50544	Structure of inorganic materials	51055	Theoretical organic chemistry
44096	Theory of electricity and magnetism	45210	Computer design	50550	Structure of materials	51056	(Physical organic chemistry II)
44110	Integrated circuits	45212	Computer architecture	50551	(Inorganic chemistry, advanced course)	51057	(Theoretical organic chemistry)
44111	Microwave integrated circuits	45213	Computer engineering, special topics	50552	Nuclear chemistry	51058	(Physical organic chemistry I)
44112	Integrated circuits	45220	Computer projects	50553	Complex- and ligandfield-theory	51059	Physical organic chemistry
44120	Modern semiconductor components	45306	Communications networks	50554	Applied thermodynamics	51059	Selected advanced topics in organic chemistry
44121	Electronic devices 1	45307	Communications networks	50555	Metallurgical chemistry	51059	Selected topics in organic chemistry, part II
44122	Electronic devices 2	45314	Telecommunication switching nodes	50556	Applied thermodynamics	51060	Organic electrochemistry and organic photochemistry
44123	Electronic devices 2	45315	Service integrated systems	50557	Applied thermodynamics I	51061	Selected advanced topics in organic chemistry, part I
44130	Electronics manufacturing (Manufacturing technology for electronics)	45316	Telecommunication switching systems, laboratory	50558	Applied thermodynamics II	51062	Organic radicals and metal organic compounds
44141	Analog system components	45317	Telematics, laboratory	50559	Applied thermodynamics 2	51063	Industrial chemistry of natural substances
44143	Analog CMOS	45320	Digital switching in telecommunication networks	50560	Radioisotope techniques	51064	Chemistry of natural substances
44145	Network systems	45325	Teletraffic theory	50565	Technical analytical chemistry	51065	Advanced carbohydrate chemistry
44911	Solid state electronics	45326	Performance evaluation of telecommunication networks	50570	Experimental work in inorganic chemistry	51066	Advanced natural products chemistry
44921	Ultrasonic waves in crystals	45341	Telecommunication switching systems engineering	50571	Research project in silicate and high temperature chemistry	51071	Chemotherapeutics
44922	Semiconductor transport properties	45342	Switching systems engineering, laboratory	50572	(Lab.-work in Inorganic chemistry)	51072	Methods in advanced organic synthesis
44923	Properties of semiconductor surfaces	45350	Data communication networks	50573	Research project in inorganic chemistry	51073	(Advanced organic synthesis)
44924	Analog signal processing (Advanced electro-optics)	45351	(Datacommunication networks I)	50573	Experimental techniques in inorganic and high temperature chemistry, project work	51074	Organic synthesis
44926	Optical waveguides	45355	Communication in distributed systems	50574	(Experimental techniques in inorganic and high temperature chemistry)	51075	Advanced organic synthesis
44927	Semiconductors	45352	Datacommunication networks, laboratory	50574	Laboratory work in inorganic chemistry, project work	51075	Organic synthesis, project work
44928	Optical and Infrared detection	45360	Communication systems programming	50575	(Laboratory work in inorganic chemistry)	51075	(Advanced methods in organic synthesis)
44929	Characterization of solid surfaces	45390	Telecommunication switching systems, term project	50575	Plant design for inorganic chemical processes	51076	Organic synthesis, advanced course
44935	Advanced network synthesis	50010	Pollution and the environment	50576	Experimental techniques in inorganic and high temperature chemistry	51076	(Advanced organic synthesis)
44936	Optimization in network and signal theory	50501	General chemistry	50577	Inorganic and solid state chemistry - laboratory, project work	51078	Organic synthesis, advanced course
44940	Electronic design methodology	50503	(General and inorganic chemistry)	50577	(Laboratory course in Inorganic and solid state chemistry, project work)	51080	Natural products, Chemistry, projects
44950	Electronic and optical methods of remote sensing	50504	Chemical equilibria	50578	Inorganic or solid state chemical processes, research project	51081	Analytical organic chemistry, research projects
45001	Programming	50505	Chemistry, completion course	50578	(Research project in inorganic or solid state chemical processes)	51090	Research projects in advanced organic chemistry
45004	Programming	50505	(Completion course in chemistry)	50580	Inorganic chemistry IV	51091	Industrial organic chemistry, research projects
45005	Programming I!	50506	General chemistry	50581	Silicate and high temperature chemistry, laboratory course, project work	51092	(Industrial organic chemistry process and research proposals)
45006	Programming 2	50506	(General and inorganic chemistry)	50583	Aluminium electrolysis	51093	(Organic chemistry process and research proposals)
45010	Computer laboratory I	50507	General and Inorganic chemistry A	50585	Thermodynamics of fused salts	51095	Research projects in analytical organic chemistry
45011	Algorithms and datastructures	50508	General and Inorganic chemistry B	50586	Solid ionic systems	51096	(Research projects in organic chemistry)
45012	Programming methods	50509	General chemistry	50587	Statistical thermodynamics of melts	51097	Student project in organic chemistry
45022	Computer foundation	50510	General chemistry laboratory, project work	50588	Spectra and structure of fused salts	51098	Organic mass spectrometry
45023	Computers, basic course (Computers)	50510	(General and inorganic chemistry laboratory)	50589	Reactions in fused salts	51098	Special topics in organic chemistry, metalorganic compounds in organic synthesis
45027	Computer laboratory II	50513	(General chemistry)	51010	Organic chemistry, basic course A	51501	Stereo chemistry and the chemistry of free radical irreversible thermodynamics
45028	Microcomputers and terminals	50515	Thermodynamics	51010	(Basic organic chemistry, part A)	51501	(Irreversible thermodynamics, introductory course)
45030	Computer graphics	50515	General chemistry	51011	(Fundamentals of organic chemistry)	51502	Basic physical chemistry A
45031	Computer graphics 1 (Computer graphics)	50516	(General and inorganic chemistry laboratory)	51011	Organic chemistry, basic course A	51503	(Irreversible thermodynamics)
45032	Image processing	50516	(Exercises in inorganic chemistry (lab.c.In general chem. and qualitative analysis))	51012	(Introduction to organic chemistry, part A)	51504	Basic physical chemistry B
45033	Computer graphics 2	50517	General chemistry A	51012	Organic chemistry, basic course B	51504	Basic physical chemistry
45040	Compiler construction	50520	General chemistry B	51012	(Basic organic chemistry, part B)	51505	(Physical chemistry)
45050	(Programming languages and compiler construction)	50520	General chemistry, laboratory course, project work	51013	(Introduction to organic chemistry (Part II))	51505	Chemical thermodynamics
45051	Algorithms and datastructures	50521	(General chemistry, laboratory course)	51013	Organic chemistry, basic course B	51506	Advanced physical chemistry
45052	Programming methods	50521	General chemistry A, laboratory course, project work	51014	Organic chemistry, basic course B	51507	(Physical chemistry)
45053	Computer laboratory 2	50522	(General chemistry, laboratory course)	51015	Basic organic chemistry laboratory	51508	Irreversible thermodynamics
45054	Algorithm and datastructures, part I	50522	General chemistry B, laboratory course, project work	51016	Organic chemistry laboratory A and B, project work	51508	Statistical thermodynamics
45055	File systems	50522	(General chemistry, laboratory course)	51017	(Organic chemistry laboratory A and B, basic course)	51509	Introductory quantum chemistry
45056	Data bases and data base handling systems	50525	General chemistry and chemical equilibria	51018	Organic chemistry laboratory B, project work	51510	An introduction to molecular spectroscopy
45057	Operating and file handling systems	50526	Basic inorganic chemistry	51018	Organic chemistry laboratory, project work	51511	(Molecular spectroscopy)
45058	Social impact of Information technology	50527	(Quantitative analysis)	51020	Intermediate organic chemistry	51511	(Physical chemistry)
45059	Parallel algorithms	50527	Analytical chemistry			51519	Elementary quantum chemistry
45060	Software engineering I	50528	(With laboratory course)			51520	Quantum chemistry
45065	Software engineering II	50530	Chemistry (lab. course)				
45066	Computer performance evaluation	50530	Inorganic chemistry and materials science				

51521	(Theoretical chemistry I)	52032	Special topics in chemical engineering	53020	Pulping technology (Cellulose technology) (Pulp and paper chemistry)	54031	Applied biochemistry
51530	Quantum chemistry	52033	Compression, expansion and heat transfer for mixtures	53030	Wood pulping, laboratory course	54040	Food chemistry
51535	Theoretical chemistry	52034	Process simulation II	53035	Pulping technology, laboratory course	54045	Biochemical engineering
	Instrumental analysis, introductory course, project work	52035	Hydrometallurgy	53040	Special laboratory report in pulp and paper technology	54055	Molecular genetics
	(Project work in instrumental analysis, introductory course)	52036	Special topics in chemical engineering		(Special laboratory project in pulp and paper technology)	54060	Marine production
	(Instrumental analysis, introductory course)	52040	Process control		(Student project in pulp and paper chemistry)	54080	Biochemistry laboratory
	(Instrumental analysis I)	52041	Process control		Paper technology	54081	(General and applied biochemistry laboratory)
51540	Computer assisted chemical instrumentation	52045	Process calculations (Process dynamics)		General paper technology	54082	Food chemistry, project work
	(Signal processing in chemistry)	52050	Chemical reaction engineering		Laboratory course I in paper technology	54083	(Biochemistry laboratory, basic course)
	(Instrumental analysis (advanced))	52055	Process simulation (Computation of methods in chemical engineering)		Wood pulping chemistry and technology	54084	Biochemistry laboratory, special course
51545	Computer assisted chemical instrumentation, advanced course	52056	Process simulation		General wood pulping chemistry and technology	54085	Biochemical engineering, project work
	(Instrumental analysis III)	52057	Process synthesis		Laboratory course II in paper technology	54086	(Advanced biochemical laboratory)
51546	Computer assisted chemical analysis	52060	Process dynamics		Student project in pulp and paper technology	54087	Biochemistry and microbiology laboratory, project work
51550	Instrumental analysis, advanced course	52065	Plant design fundamentals		(Student project in pulp and paper chemistry)	54088	(Project work in biochemistry and microbiology)
	(Instrumental analysis IV)	52070	Plant design		Student project in pulp and paper technology	54089	Project work in food chemistry and biochemical engineering
51551	Instrumental analysis, advanced course	51071	Plant design in biochemistry		Student project in pulp and paper technology	54090	(Project work in food chemistry and bioengineering)
	(Advanced instrumental analysis)	52072	(Plant design)		Cellulose and paper technology	54091	Biochemical engineering, plant design
	(Instrumental analysis)	52073	Plant design		Electrochemistry, basic course	54500	(Biochemistry, plant design)
51560	Physical chemistry, laboratory course		Chemical engineering, plant design		Electrochemistry, basic course	54501	(Plant design in biochemistry, project work)
51561	Physical chemistry, laboratory, project work		(Plant design in chemical engineering, project work)		(Electrochemistry and corrosion)	54502	Biochemistry laboratory, project work
	(Physical chemistry, laboratory course)	52080	Chemical engineering laboratory, project work		Industrial electrochemistry	54503	(Biochemical engineering/Food chemistry, project work)
51562	Physical chemistry laboratory, project work	52081	(Chemical engineering laboratory)		Industrial electrochemistry	54510	Food chemistry
	(Physical chemistry and Instrumental analysis (lab. course))	52085	Chemical engineering laboratory, advanced course		Corrosion	54512	Fish biochemistry and -microbiology
51570	Physical chemistry, advanced research project	52090	Leaching and separation process for metals		Corrosion	54513	Completion course in chemistry
	(Advanced research project in physical chemistry and theoretical chemistry)	52092	Applied heterogeneous catalysis		Industrial electrochemistry	54514	General chemistry
	(Research project in physical chemistry and theoretical chemistry)	52093	Mathematical modelling and model fitting		Industrial electrochemistry I	55010	General chemistry
	(Research project in physical chemistry, theoretical chemistry and instrumental analysis)	52510	Unit processes in chemistry (Introd.)		Industrial electrochemistry II	55011	General chemistry
51571	Instrumental analysis, advanced research project	52515	Industrial process chemistry I		Principles of corrosion	55012	(General chemistry A)
	(Advanced research project in instrumental analysis)	52520	Industrial process chemistry		(Molten salt electrolysis)	55013	General chemistry
	(Research project in instrumental analysis)	52522	(Unit processes in chemistry)		Corrosion engineering	55015	Chemicals thermodynamics
51572	Physical chemistry and computer chemistry, advanced research, project	52525	(Unit processes in chemistry I B)		(Molten salt electrolysis and other topics)	55017	General chemistry A
51580	Physical chemistry (Adv.) (Lab. course)	52530	Unit processes in chemistry		(Molten salt electrolysis)	55020	General chemistry B
51581	Physical chemistry, advanced course, project work	52532	Industrial process chemistry II		Industrial electrochemistry II	55021	General chemistry, laboratory course
	(Physical chemistry, theoreical chemistry and instrumental analysis, advanced laboratory course, project work)	52533	Unit processes in chemistry		Electrochemical kinetics	55022	General chemistry, laboratory course
	(Advanced laboratory course in physical chemistry, theoretical chemistry and instrumental analysis, project work)	52540	Reaction kinetics and catalysis (Homogeneous systems)		(Industrial electrochemistry (Selected topics))	55030	Silicate and high temperature chemistry
	(Advanced laboratory course in physical chemistry, theoretical chemistry and instrumental analysis, project work)	52545	Fats for nutrition		Electrolysis of light metals	55031	Silicate and high temperature chemistry I
	(Advanced laboratory course in physical chemistry, theoretical chemistry and instrumental analysis, project work)	52550	Fat chemistry		Molten salt electrolysis	55032	Silicate and high temperature chemistry II
	(Advanced laboratory course in physical chemistry, theoretical chemistry and instrumental analysis)	52551	High polymer chemistry		(Student project in industrial electrochemistry)	55033	High temperature chemistry I - Heterogeneous equilibria and phase diagrams
51582	Instrumental analysis, advanced laboratory course, project work	52552	High polymers I		Electrolytic processes in molten salts and aqueous media		(High temperature chemistry I: Heterogeneous equilibria and phase diagrams)
	(Advanced laboratory course in instrumental analysis, project work)	52555	High polymers II		Electrochemistry, advanced course		High temperature chemistry II - solid state reactions
	(Advanced laboratory course in physical chemistry, theoretical chemistry and instrumental analysis)	52560	Surface and colloid chemistry		Electrochemical kinetics		(High temperature chemistry II: Diffusion and reaction in ssoldids)
	Instrumental analysis, advanced laboratory course, project work	52570	Plant design		(Electrochemistry, advanced course)		Thermal analysis
	(Advanced laboratory course in instrumental analysis, project work)	52571	(Student project in Industrial chemistry)		Electrochemistry laboratory course, project work		Thermodynamics for geologists
	Applied quantum chemistry	52575	Industrial process chemistry, plant design		Student project in industrial electrochemistry		Ceramic technolgoey
51591	Advanced analytical chemistry	52580	(Plant design in industrial process chemistry)		Industrial electrochemistry, student project		Refractories
51592	Theoretical analysis of molecular vibrations		(Plant design)		(Student project in industrial electrochemistry)		Structure of materials
51593	Advanced irreversible thermodynamics		Industrial process chemistry, laboratory, project work		Electrochemistry laboratory course, project work		Student project in silicate and high temperature chemistry
52005	Paper technology, basic course	52585	(Laboratory course in industrial process chemistry)		(Electrochemistry, laboratory course)		Research project in silicate and high temperature chemistry
	(Fluid flow)		Industrial process chemistry and chemical engineering, laboratory, project work		(Laboratory course in electrochemistry)		Experimental work in silicate and high temperature chemistry
52006	Wood pulping chemistry and fiber physics		(Laboratory course in industrial process chemistry and chemical engineering, project work)		Biopolymers		Silicate and high temperature chemistry, laboratory course
52007	Wood pulping chemistry and technology, basic course		(Laboratory course in industrial process chemistry and chemical engineering)		Biochemical processing, basic course		Biopolymers
52010	Unit operations I		Petrochemistry I (Raw materials to basic feedstocks)		(Basics of biochemical processing)		Biochemistry, basic course
	(Fluid flow and heat transfer)	52591	(Petrochemistry I - Rassw materials to basic feedstocks)		Biochemistry, basic course		General biochemistry
52015	Paper technology, advanced course		(Chemical conversion of hydrocarbons)		General biochemistry		General biochemistry
52017	Wood pulping chemistry and technology, advanced course	52592	Petrochemistry II		Biochemistry, advanced course		(General biochemistry, supplementary course)
			(Petrochemistry II (Production of petrochemicals))		(General biochemistry, advanced course)		(General biochemistry, advanced course)
52020	Unit operation II (Mass transfer)		(Petrochemistry II - production of petrochemicals)		(Biochemistry)		(Biochemistry)
	(Unit operation I B)	52593	Natural gas as chemical feedstock		Biochemistry laboratory, basic course, project work		Biochemistry laboratory, basic course, project work
52022	Chemical engineering		Natural gas as chemical feedstock/Petrochemistry 2		(Microbiology)		(Microbiology)
52025	Unit operations		Metal complex catalysis (homogeneous)		General microbiology		General microbiology
52030	Chemical engineering II (advanced)	52594	Catalytic conversion of hydrocarbons		General microbiology		General microbiology
52031	Chemical engineering thermodynamics	52595	Wood pulping chemistry		Microbiology		Microbiology
	(Thermodynamics and physical properties)	52596			Microbiology		Microbiology
	(Separation processes)	53010			Applied biochemistry		Applied biochemistry

58011	Engineering materials and drawings	60579	(Tero technology)	61072	Materials and processes, advanced course	62022	Air pollution
58020	Chemical analysis, chemical laboratory (Analytical chemistry)	60580	Mechanical reliability (Industrial safety and reliability engineering)	61073	Materials and processes, advanced course	62023	Energy technology
58025	Laboratory skills	60581	Maintainability engineering (Maintenance engineering)	61075	Materials and processes, advanced course	62024	Process plant design 2
60002	Introduction to physics and chemistry	60582	(Engineering drawing)	61076	Materials technology, advanced course	62025	Thermal energy, project (Heat and combustion engineering, project)
60010	Introduction to computer programming	60583	Machine design, project	61077	(Materials and processes, advanced course) (Materials technology, project)	62026	(Industrial thermodynamics, project)
60020	Laboratory course I	60584	(Mechanical engineering design, project)	61078	Materials and processes, advanced course	62027	(Industrial heat engineering, project)
60025	Laboratory course II	60585	(Machine elements, project)	61079	Materials processing, advanced course	62028	Thermal systems design, project
60030	Process engineering laboratories	60586	Pipe network design	61080	(Materials and processes, advanced course)	62029	(Process plant design II, project)
60035	Manufacturing engineering laboratories	60587	(Piping design)	61081	Materials and processes, project	62030	Thermal energy, project
60040	Process design	60588	Safety management	61082	Materials technology, project work	62031	(Process plant design II, advanced course)
60041	Process plant design	60589	Reliability engineering	61083	Materials processing, project work	62032	Thermal power generation, advanced course
60501	Technical drawing (Mechanical engineering drawing)	60590	(Reliability and maintainability engineering 1)	61090	Materials and processes, project	62033	Industrial heat technics (sp.c.)
60502	Technical drawing (Mechanical engineering drawing)	60591	Maintenance engineering	61091	Foundry technics	62034	Internal combustion engines, advanced course
60503	Engineering drawing (Mechanical engineering drawing)	60592	(Reliability and maintainability engineering 2)	61092	Solidification of castings	62035	Internal combustion engines, advanced course
60504	Mechanical engineering drawing (Engineering drawing)	60593	Tribology	61093	Corrosion	62036	Internal combustion engines, advanced course
60505	Mechanical engineering drawing	60594	Vibration analysis	61096	Polymeric composites	62037	Internal combustion engines, advanced course
60506	Mechanical engineering drawing	60595	Geometric modelling and visualization	61098	Engineering thermodynamics I	62038	Internal combustion engines, advanced course
60507	Mechanical engineering drawing	60596	Machine design, project	61099	Engineering thermodynamics I	62039	Internal combustion engines, advanced course
60510	Mechanical elements	60597	Process plant design 1, project	61100	Thermal engineering laboratories	62040	Internal combustion engines, advanced course
60511	Machine elements	60598	(Process plant design 2, project)	61101	(Engineering thermodynamics I)	62041	Student project in Internal combustion engines
60512	Principles of dimensioning (Mechanical engineering design)	60599	Safety engineering, project	61115	Engineering thermodynamics II	63001	Refrigeration engineering, fundamental process and system design
60513	Mechanical engineering design (Product development)	60600	Tribology engineering	61120	Engineering thermodynamics II	63002	Refrigeration engineering, component design
60514	Machine elements	60601	Manufacturing processes	61121	Engineering thermodynamics II	63003	(Refrigeration engineering, calculation of components)
60515	Machine elements	60602	(Fabrication of materials)	61125	Engineering thermodynamics III	63007	Refrigeration engineering, technology
60516	Mechanical engineering design	60603	(Workshop processes (Introd.))	61130	Engineering thermodynamics, lab. course	63010	Refrigeration technology, advanced course
60517	Computational geometry	60604	Materials and processes, basic course	61131	Engineering thermodynamics 2 A	63011	Refrigeration engineering, fundamentals and systems
60520	Machine elements	60605	(Materials and processing)	61132	Engineering thermodynamics 2 B	63012	Refrigeration engineering, plant design
60525	Machine elements	60606	Materials technology	61133	Engineering thermodynamics 2 C	63013	(Refrigeration engineering, applications)
60530	Machine elements	60607	Plastics technology	61135	Engineering thermodynamics, project	63014	Technology in aquaculture
60531	Machine elements	60608	(Polymers technology)	61140	Engineering thermodynamics III	63015	(Refrigeration engineering, advanced applications)
60532	Machine elements	60609	Materials technology	61142	Engineering thermodynamics II	63016	Refrigeration engineering in the food processing industry
60540	Machine elements	60610	Technology of metal forming	61143	Heat transfer	63017	Technology in aquaculture
60541	Machine elements	60611	Locomotive and automobile engineering	61150	Thermodynamics	63018	(Refrigeration engineering, advanced course)
60550	Machine elements, advanced course	60612	Materials and corrosion	61151	(Student project in heat transfer, advanced course)	63019	Refrigeration engineering, applications in the food industry
60551	Machine elements, advanced course	60613	Materials and processes, basic course	61152	Energy management	63020	Heat pumps
60552	Machine design, advanced course	60614	(Materials and processing)	61153	Turbulent combustion, mass and heat transfer	63021	(Refrigeration engineering, advanced course)
60553	Machine elements, advanced course	60615	Materials technology	61155	Heat and mass transfer in porous materials	63030	Multiphase flow in tubes
60544	Machine elements, advanced course	60616	Materials technology for heat- and refrigeration engineering	61156	(Molecular transport)	63041	Refrigeration engineering, project
60555	Machine elements, advanced course	60617	Materials and corrosion	61157	Thermodynamic properties	63050	Fundamental heat pump engineering
60560	Process plant design I	60618	Casting Technology	61160	Numerical mass and heat transfer	63061	Heat pumps
60561	(Machine elements, advanced course)	60619	(Foundry technology)	61161	(Computational mass and heat transfer)	63090	Refrigeration engineering in the process industry, fundamentals
60562	Process plant design I, advanced course	60620	Welding technology	61162	Thermal properties	63510	Refrigeration engineering, project
60564	(Finite element methods in stress analysis)	60621	(Welding technology I)	61165	Phase transition, mass and heat transfer in fluid flows	63517	Water power machinery
60565	Safety engineering, advanced course	60622	Welding production	61166	Engineering thermodynamics, advanced course	63518	(Water turbines)
60570	(Experimental stress analysis)	60623	(Welding production II)	61167	Engineering thermodynamics, advanced course	63520	Water turbines and pumps
60571	Experimental stress analysis	60624	Metal forming	61168	Engineering thermodynamics, project	63550	Introduction to hydraulics and pumps
60572	Computer aided design	60625	(Plastic forming of metals)	61169	Heat and mass transfer in porous materials	63555	Hydrodynamics
60573	(Mechanical engineering design methods)	60626	(Metals working and shearing)	62007	Heat engineering	63561	Water turbines and pumps, advanced course
60574	Machine dynamics	60627	(Plastic forming and shearing)	62010	Industrial heat engineering	63562	Water turbines, project
60575	(Mechanical power transmissions)	60628	(Deformation processing)	62011	(Industrial heat engineering I)	63563	Fluid mechanics of turbomachinery
60576	Mechanical vibrations	60629	Plastics in mechanical engineering design	62012	(Heat engineering, advanced course)	63564	Water turbines
60577	Theory of elasticity and photoelasticity	60630	(Polymers in mechanical engineering design)	62013	Industrial heat engineering subsystems	63565	Pumps
60578	(Theory of elasticity)	60631	Steel for off-shore structures	62014	(Industrial heat engineering II)	63566	Thermal turbomachinery
	Fatigue and fracture mechanics	60632	Tools for plastic forming, pressure die casting, stamping and shearing	62017	Industrial heat processes - system analysis	63567	Automatic control of turbomachinery
	(Fatigue and brittle fracture)	60633	Description and quantification of materials properties	62018	Thermal energy production	63568	Water power plants
	Risk analysis, qualitative methods	60634	(Description and quantification of materials properties)	62019	Combustion and pollution	63569	Methods in fluid flow measurements
	(Risk analysis, methods for systems analysis)	60635	Materials selection and design	62020	(Industrial thermodynamics, advanced course)	63570	Oil hydraulics
	(Systems engineering in machine design)	60636	Corrosion and corrosion prevention	62021	Industrial heat engineering	63571	Turbomachinery, advanced course
	(Systems analysis in machine design)	60637	Polymer processing	62020	(Industrial heat engineering, advanced course)	63572	(Water turbines and pumps, advanced course)
		60638	Material offshore. Steel and aluminium	62017	Industrial heat engineering, advanced course	63572	Turbomachinery, project
		60639	(Steel and welding in marine structures)	62018	(Heat engineering)	63580	Water power machinery, project
		60640	Welding engineering	62019	Steam power machinery (Introd.)	63580	Process plant design III
		60641	Computer aided casting and forming	62020	Boilers and combustion	63580	(Water power laboratory)
		60642	(CAD/CAM casting and forming)	62019	(Heat engineering)		
		60643	Applied fracture mechanics	62020	Industrial heat engineering		
		60644	Materials and corrosion, advanced course	62021	Thermal power plants		
		60645	Materials and processes, advanced course	62021	(Thermal power stations)		
		60646	(Materials and corrosion, advanced course)	62021	(Steam and gas turbines (sp.c.))		
		60647		62021	Process plant design		
		60648		62021	(Heat engineering)		

63581	(Water turbines laboratory) Process plant design II, project (Process plant design 3, project)	64075	Software engineering, advanced course	65054	(Water power plants): Methods in fluid flow measurements	67070	Aero and gas dynamics, advanced course
63582	Process plant design III, advanced course	64076	Software engineering, advanced course	65056	Oil hydraulics	67071	Aero and gas dynamics, advanced course
63585	Water turbines laboratory	64077	Project administration, advanced course	65058	Fluid power systems	67072	Aero and gas dynamics, advanced course
63590	Oil hydraulics	64078	Software engineering, advanced course	65059	Applied stationary and transient pipe flow (One phase stationary and transient pipe flow)	67073	Loss prevention and safety engineering, advanced course
64001	Manufacturing engineering, basic course	64083	Industrial robots and automatic handling systems	65060	Aero and gas dynamics, project	67074	(Aero and gas dynamics, advanced course)
64002	Production engineering	64084	Capability of machine tools	65062	Hydraulic turbo machines, project	67075	Aero and gas dynamics, advanced course
64003	Manufacturing system theory	64095	Metal cutting and unconventional processes	65064	(Water power machinery, project)	67076	Aero and gas dynamics, advanced course
64005	Manufacturing engineering, laboratories, basic course		Manufacturing systems, project	65066	Fluid flow systems design, project	67077	Aero and gas dynamics, advanced course
64010	Materials and workshop processes (Introd.)	64096	(Production engineering, project)	65068	(Process plant design 3, project)	67078	Aero and gas dynamics, advanced course
64011	Automation of mechanical production processes (Automation of production processes)	64097	(Manufacturing engineering, project)	65070	Design and control of fluid power systems, project	67080	Aero and gas dynamics, advanced course
64012	Operations scheduling and inventory control (Operations planning)	64098	Information technology, project	65072	Hydro- and gas dynamics, project	67081	Aero and gas dynamics, project
	(Operations - Production scheduling and inventory control)	64505	(Software engineering, project)	65074	Naval architecture (Introd.)	69005	Loss prevention and safety engineering, project
64013	(Operations planning and inventory control)	64506	Management information systems, project	65076	Ship-building	69010	Student project in internal combustion engines
64014	Quality engineering		(Project administration, project)	65078	Ship-design	69050	Student project in industrial thermodynamics
64015	Machine tools elements	64510	Production engineering, project	65080	Ship-design, advanced course	69070	Student project in materials and workshop processes
64016	Metal removal processes	64515	Heating, ventilating and sanitary engineering, advanced course	65082	Ship-building	69072	Student project in machine elements
	(Metal cutting and unconventional processes)	64520	(Heating and ventilation I)	65084	Student project in ship design	69074	Student project in shipbuilding
64017	Factory planning		Heating, ventilating and sanitary engineering, project	65086	Shipyard technology	69076	Student project in ship machinery
	(Facility layout and handling analysis)	64506	Air flow ventilated rooms	66001	Mechanics	70050	Student project in aircraft engineering
64018	Wood technology	64521	(Ventilating engineering)	66002	Fluid mechanics	70500	Global transfer in nature
64019	(Wood working and wood technology)		(Heating and ventilation II)	66005	Mechanics 1	70510	Physics, completion course
64020	Wood working and wood technology, advanced course	64523	Control analysis of thermal environmental systems	66010	Mechanics		(Completion course in physics)
64021	Machine tool systems	64525	(Control of thermal environmental systems)	66015	(Theory of structures)	70511	Physics
64022	(Machine tools)	64526	(Industrial ventilation)	66020	Fluid mechanics	70512	(Physics (Introd.))
64023	Production engineering	64527	Sanitary engineering	66021	Ship structures	70513	Physics
64024	Real time mini-computer applications	64528	Thermal systems	66022	Dynamics	70514	(Physics (Introd.))
64025	Geometric modelling	64529	Thermal environmental engineering	66030	Fluid mechanics	70515	Physics
	(Product dening languages)	64530	Energy supply of buildings	66031	Mechanics	70516	(Physics (Introd.))
64026	Computer based production control systems		Sanitation engineering and heating	66032	Classical mechanics	70517	Integrated chemistry and physics
64027	Technological planning	64531	(Sanitary engineering)	66035	Ship structures, advanced course	70518	Integrated chemistry and physics
64028	Terminoloriented transaction systems on mini-computers	64532	Heating engineering	66040	Student project in ship structure	70519	Physics
64029	Project management	64533	Air conditioning	66042	Fluid mechanics	70520	Physics (Introd.)
	(Project administration)	64530	(Thermal environment engineering)	66044	Statics	70522	Physics
64030	Computer assisted factory management systems	64531	Thermal environmental engineering, system simulation	66045	Strength of materials	70523	Physics
64031	Robot technology	64532	Energy management in buildings	66051	Advanced strength of materials	70524	Physics laboratory course
64032	Computer aided manufacturing	64533	Engineering acoustics	66062	Introduction to continuum mechanics	70525	Physics
64033	Technological planning and measuring technics		(Heating ventilation in industry)	66066	Fracture mechanics	70530	(General physics (Lab. course))
64034	(Computer aided technological planning)	64534	Indoor climate engineering	66067	Mechanics of fracture and damage, introduction	70531	Nuclear physics (Introd.)
64035	Computer Integrate manufacturing	64535	(Sanitary engineering)	66072	Turbulent flow	70532	Physics
64036	Materials and workshop processes, advanced course	64536	Indoor environmental technology	66073	Introduction to computational fluid mechanics	70533	Semiconductor - and laser physics
64037	Measurements in workshop processes, advanced course	64537	Heating, ventilating and sanitary engineering, project	66074	Viscous flows and boundary layers		(Elements of materials physics)
64038	Measurement and process control in mechanical industry	64550	Jet flow	66090	Fluid mechanics, project work	70534	Physics
64039	(Production engineering, laboratory course)	65010	Engineering fluid mechanics	66091	Mechanics, project	70535	Physics
64040	Quality management	65012	(Hydrodynamics)	66110	Introduction to ship machinery	70536	Physics
64041	Robot technology		Applied fluid mechanics	66115	Ship machinery, advanced course	70540	Physics
64042	Computer aided manufacturing	65013	(Testing of ship models)	66200	Ship engine theory and design	70550	(Nuclear physics)
64043	Technological planning and measuring technics	65014	Engineering fluid mechanics	66330	Ship machinery, advanced course	70555	Fourier optics
64044	(Computer aided technological planning)	65015	Fluid engineering laboratories	66540	Student project in ship machinery	70560	Technical optics
64045	Computer Integrate manufacturing	65020	Ship hydrodynamics	67005	Applied aerodynamics	70570	Light- and particle beam spectroscopy
64046	Materials and workshop processes, advanced course	65025	Ship hydrodynamics, advanced course	67006	Applied aerodynamics	70580	Optics
64047	Production engineering, advanced course	65030	Gas dynamics	67007	Introduction to aeronautics	70581	Optics
64048	Measurements in workshop processes, advanced course	65031	(Student project in ship hydrodynamics)	67010	Aircraft engineering (Introd.)	71010	Thermodynamics and geometrical optics
64049	Manufacturing engineering, advanced course		Gas technology	67015	Aerodynamics, advanced course		(Introductory physics course I: Geometrical optics and thermodynamics)
64050	Manufacturing engineering, advanced course	65032	(Offshoretechnology - processes and equipment)	67020	Engineering fluid mechanics	71011	Thermal physics
64051	Manufacturing engineering, advanced course		Fluid mechanics of our environments	67021	(Aircraft engineering)	71020	Oscillations and waves
64052	Manufacturing engineering, advanced course	65034	Aero dynamics	67030	Engineering fluid mechanics	71021	(Introductory physics course IIA: Waves and vibrations)
64053	Manufacturing engineering, advanced course	65036	Experimental fluid dynamics	67040	Applied fluid mechanics	71022	Oscillations and waves
64054	Manufacturing engineering, advanced course	65038	Numerical fluid dynamics	67050	Industrial aerodynamics	71023	Wave physics
64055	Production engineering, project		(Computational fluid dynamics)	67051	Industrial aerodynamics	71025	Circuits and systems
64056	Manufacturing engineering, advanced course	65040	Two- and three-dimensional boundary layers	67052	Gas dynamics		Atomic and nuclear physics
64057	Manufacturing engineering, advanced course	65042	(Three-dimensional and compressible boundary layers)	67053	Fluid mechanics of our environment	71030	(Introductory physics course IIB: Atomic and nuclear physics)
64058	Computer techniques	65044	Fluid mechanics of turbomachinery	67054	Analytical methods in fluid dynamics		Electricity and magnetism
64059	(Workshop technology), advanced course	65046	Hydraulic machines A	67055	Selected topics in fluid dynamics	71031	(Introductory physics course IIC: Electricity and magnetism)
64060	Production engineering, advanced course		(Water turbines)	67056	Loss prevention and safety engineering	71032	Electricity and magnetism
64061	Production engineering, advanced course	65048	Hydraulic machines B	67057	Experimental fluid dynamics		Electricity and magnetism
64062	Production engineering, advanced course	65050	(Pumps)	67058	computational fluid dynamics		Electricity and magnetism
64063	Production engineering, advanced course	65052	Thermal turbomachinery	67059	Three-dimensional and compressible boundary layers		Electricity and magnetism
64064	Production engineering, advanced course		Automatic control of turbomachinery	67060	Aeroacoustics (Aerodynamics)		Electricity and magnetism
64065	Student project in computer techniques	65046	Hydraulic machinery systems				
64066	Production engineering, advanced course						
64067	(Production engineering)						
64068	Software engineering, advanced course	65048					
64069	Software engineering, advanced course	65050					
64070	Software engineering, advanced course	65052					

71035	Introductory laboratory course in physics	72041	Ferroelectrics	74224	Circuits and systems	75053	(Integral equations)
71036	Physics I, introductory laboratory course (Introductory laboratory course in physics I)	72042	Solid state physics 2 A/B	74225	Atomic and nuclear physics	75055	Theory of distributions
71037	Physics II, introductory laboratory course (Introductory laboratory course in physics II)	72050	Reactorphysics	74226	Atomic and nuclear physics	75057	Fourier analysis
71040	Theoretical nuclear physics	72051	Reactorphysics I	74232	Electricity and magnetism	75059	Elementary measure theory
71050	Radiation physics (Elementary particle physics)	72052	Reactorphysics II	74236	Physics 1, introductory laboratory course	75060	Stability theory
71051	Radiation physics	72080	Technical geophysics	74237	Physics 2, introductory laboratory course		Mathematical topics, term projects
71060	Photon physics	72091	Gas discharge physics (Electron - and ion physics III-IV)	74251	Radiation physics		(Term projects in mathematical topics)
71070	Physical representation of groups (Physics (Lab.course))	72510	Collisions and transport processes in swarms	74252	Radiation physics		Term projects in discrete mathematics)
71080	Wave and Oscillation	72520	X-ray physics and crystallography (X-ray crystallography)	74305	Thermal physics	75070	Mathematics, term projects
71085	Atomic and nuclear physics		Electronic devices and system	74310	Quantum mechanics 1 (Quantum mechanics 1)		(Term projects in mathematics)
71090	Energy from ocean waves (Electricity and magnetism)		(X-ray structure analyse)	74315	Statistical mechanics	75080	Mathematics colloquium
71095	Physics II	72521	(Determination of crystal structure)	74316	Electromagnetic theory		(Mathematical colloquium)
71096	Physics II A		Crystal structure analysis	74326	Quantum mechanis 2	75091	Mathematical analysis 2B
71097	Physics II B		(X-ray structure analysis)	74327	Relativistic quantum mechanics	75093	Mathematical analysis 2B
71510	Quantum mechanics I	72530	X-ray diffraction in crystallography	74336	Transport theory 1	75097	Mathematical analysis 2A
71515	Statistical mechanics I	72545	X-ray crystallography I	74337	Transport theory 2	75099	Functions of a complex variable
71516	Electromagnetic theory	72550	X-ray crystallography II A	74350	Theory of classical fields	75310	Numerical methods
71517	Thermodynamics	72551	Diffraction and structure	74355	Nuclear physics	75311	Numerical methods
71520	Theoretical physics (Introd.)	72555	X-ray crystallography II B	74410	Electronic devices and microcomputers	75312	Numerical calculations
71525	Quantum mechanics II	72556	Crystal physics	74412	Microcomputers	75314	Numerical analysis
71526	Quantum mechanics	72560	X-ray crystallography II	74415	Meteorology	75316	Numerical solution of differential equations
71527	Relativistic quantum mechanics	72561	X-ray micro- and fluorescence analysis	74417	Measurement systems and electronics	75502	Statistics
71530	Electro-magnetic theory	72562	(X-ray spectral analysis)	74425	Plasma physics	75510	Statistics 1
71535	Transport theory	72563	X-ray spectroscopy	74426	Microcontrollers in instrumentation	75511	Statistics 1
71536	Transport theory 1	72564	Direct methods in crystallography	74431	Solid state physics 1	75515	Statistics 1
71537	Transport theory 2	72570	(Methods in X-ray structure analysis)	74435	Solid state physics 2	75520	Statistics 2
71540	Mechanics	72571	Diffraction theory	74436	Quantum theory of solids	75521	Statistics 2
71545	Theoretical physics, advanced course A	72573	Materials physics	74440	Physics of charged particles	75522	Statistics 2
71550	Theory of classical fields	73000	(Material science)	74510	X-ray physics and crystallography	75523	Statistics 2
71555	(Quantum mechanics)	73005	Microstructure of materials	74521	Crystal structure analysis	75541	Statistics 1
71560	Nuclear physics	73010	Microstructure and mechanical properties	74551	Structure and diffraction	75542	Statistics 2
71561	Theoretical physics, advanced course B	73012	Biochemistry	74556	Diffraction and microstructure	75551	Design of experiments
71562	(Theoretical physics III A)	73013	(Biological chemistry)	74560	Structure and properties of crystals	75552	Regression analysis
71563	Kinetic theory	73015	Biological chemistry, laboratory course	74565	Crystal physics	75553	Multivariate analysis
71564	Renormalization group methods in statistical physics	73020	(Introduction to biochemistry, lab.course)	74571	Microstructure of materials	75554	Multivariate analysis and regression
71565	Introduction to quantum mechanics	73022	General physiology	74573	Microstructure and mechanical properties	75561	Stochastic processes
72010	Electronic devices and systems	73025	General physiology I	74613	General physiology	75562	(Introduction to stochastic processes)
72011	Basic electronics	73030	General physiology	74622	Pathology and clinical medicine	75563	Stationary stochastic processes
72012	(Basic electronics for physicists)	73031	Cellular physiology	74633	Biophysics	75565	Queueing theory
72013	Vacuum technique	73032	(Introduction to anatomy and general pathology)	74640	Biophysics (special)		Time series and filter theory
72014	Vacuum technique	73033	Introduction to general medicine	74670	Biomedical technology	75571	(Analysis of time series)
72015	Microcomputers and measuring systems	73036	Pathology and clinical medicine	74800	Physics, project	75572	Statistical decision theory
72016	(Measuring systems and microcomputers)	73040	Radiation physics	74801	Physics, project	75573	Theory of estimation and hypothesis testing
72017	Metrology	73050	Biophysics (general)	75010	Calculus with linear algebra	75578	Nonparametrics, Statistical methods based on ranks
72018	Signal analysis	73065	Cell membrane and macromolecule biophysics	76011	Calculus part A	75580	Introduction to risk and reliability analysis
72019	Electron- and ion physics	73067	Biophysics	76012	(Calculus with linear algebra part A)	75581	Reliability analysis
72020	(Electron- and ion physics I)	73070	Microscopy and microtechniques in biophysics	76020	Calculus part B	75582	Reliability analysis
72022	Electron- and ion physics I	73075	Biophysics (special)	76022	(Calculus with linear algebra part B)	75583	Risk analysis, statistical methods
72025	Plasma physics	73077	Radiation physics	76025	Advanced calculus A	75591	Statistics, term projects
72030	(Electron- and ion physics II)	73078	(Applied biophysics)	76015	Advanced calculus B	75700	Mathematical subjects, term projects 1
72031	Solid state physics I	73079	Basic toxicology	76026	Discrete Mathematics	75800	Mathematical subjects, term projects 2
72032	Solid state physics I	73510	(Basic course in general toxicology)	76031	(Discrete mathematics 1)		(Mathematical subjects, term projects)
72035	Solid state physics II	74000	Laboratory exercises in industrial toxicology	76032	Discrete mathematics	76010	Numerical methods
72036	Solid state physics II A)	74001	Biomedical technology	76034	(Discrete mathematics 2)	76011	Numerical methods
72037	Quantum theory of solids	74050	Transport phenomena and living systems	76030	Mathematical analysis	76012	Numerical calculations
72038	(Solid state physics IIIB/Quantum theory of solids)	74111	(Biomedical technology)	76035	(Mathematical analysis 3)	76014	Numerical analysis
72039	Solid state physics 2 A)	74124	General toxicology	76032	Matrix methods	76016	Numerical solution of differential equations
72040	Solid state physics 2 A	74125	Toxicology of industrial processes and products	76033	Linear analysis	76040	(Numerical solution of partial differential equations)
	Solid state physics 3	74135	Environmental engineering	76034	Graph theory		Numerical mathematics, term projects
	Magnetism and magnetic resonance	74140	Environmental physics-energy	76035	Combinatorics and graph theory	76051	(Term projects in numerical mathematics)
	Physical and technical ultrasonics	74181	Physics, completion course	76036	Mathematical logic	76052	Mechanics
	(Solid state physics 2 B)	74222	Global transfer in nature	76037	Logic and computability	76055	Fluid mechanics
		74223	Physics	76040	Functional analysis	76056	Mechanics 1
			Physics laboratory course	76042	Partial differential equations	76506	Mechanics 2
			Physics	76044	Ordinary differential equations	76510	Mechanics
			Physics	76045	Dynamical systems	76511	Mechanics
			Optics	76046	Calculus of variations	76515	Fluid mechanics
			Wave physics	76047	Optimization theory	76520	Strength of materials
			Circuits and systems	76048	Mathematical modelling	76521	Dynamics
				76049	Algebra	76522	Fluid mechanics
				76050	Mathematics, advanced course	76530	Mechanics
				76051	Algebra	76531	Fluid mechanics
						76532	Mechanics
						76540	Strength of materials

91044	Navigation equipment (Theory of plasticity)	92063	(Kinetic theory)	93001	An introduction to social sciences
91046	Tensor analysis	92065	Economics of municipalities, analysis and planning	93002	An introduction to social sciences
91050	Fortran	92071	Regional economics, theory and planning problems		
91051	COBOL		Macro economics		
91052	Computer machine coding	92072	(Macro economics 1)		
91053	Simula 67		(Macro economics)		
91060	Teaching methods	92072	Industrial economics 2		
91062	Engineers teacher training course (Teaching methods in engineering)	92091	(Fourier optics)		
91064	Pollution and the environment	92093	Economics, project work 1		
91065	Pollution and the environment		Economic, project work		
91066	Conservation of the environment	92095	(Economics, project work 2)		
91067	Pollution and the environment	92336	Industrial economics, public economics, project work		
91068	Pollution and the environment (Conservation of the environment, project)	92344	Transfer matrix methods		
91069	Pollution and the environment	92501	Organization and planning in civil engineering		
91070	Technology and society	92505	An introduction in organization and work science		
91071	History of technology I		An introduction to organization, work science and		
91072	History of technology II		environmental protection		
91075	Management training program	92510	Management and organization theory		
91077	Management courses	92512	(Organization theory)		
91601	Marine technology		Physical and chemical factors of the work environment		
91602	Marine technology	92514	(Physical factors of the work environment)		
91603	Marine technology, advanced course	92515	Sociology		
91604	Marine technology, project	92516	Applied thermodynamics		
91605	Marine technology	92518	Psychology		
91617	Corrosion and corrosion prevention		Organization and quality of work life, basic course		
91731	Data bases and data base handling systems	92519	(Organization and quality of work life)		
92001	Business administration 1	92520	Business management, basic course		
92002	An introduction to economics	92522	Project organization		
92005	Business administration 2	92524	Strategic management and industrial development		
92006	Computer theory	92526	Industrial law		
92007	Information systems	92527	Management of innovation		
92008	Corporate planning and modeling	92528	Management of innovation		
92010	Cost accounting and budgeting	92530	Marketing		
92011	Capital budgeting	92532	Occupational-hygiene		
92012	Capital budgeting		Ergonomics and work physiology		
92013	Cost accounting and budgeting	92534	(Ergonomics and work technology)		
92015	An introduction to economics	92540	Work environment and safety		
92017	An introduction to economics	92541	Public administration and planning		
92019	Micro-economics		Public administration		
92021	Petroleum economics and legislation	92542	(Public organization)		
92023	Optimization and project planning in petroleum economics	92545	Organizational development		
92025	Industrial marketing	92550	Organizational psychology and personnel administration		
92031	Operations research 1	92552	Work and organization psychology		
92033	Operations research 2	92554	Personnel administration		
92035	Operations research 3 (Production planning)	92557	Research methods in the behavioral sciences		
92037	Operations research 1	92558	Safety management		
92039	Operations research 2	92560	Safe behaviour		
92040	Linear algebra	92561	Organization and work science, project work		
92041	Economics, project work (Industrial economics, business administration, project work)	92562	Industrial management, project work		
	(Algebraic systems)	92566	Work environment, project work		
92043	Lie-groups and special functions	92567	Work environment and industrial management, project work		
92044	Theory of functions	92568	Work environment and industrial management, project work		
92045	Technical economics, project work (Function analysis)	92569	Work environment and safety science, project work		
92046	Integration and fourier analysis	92701	Linear algebra and matrix methods		
92048	Stochastic processes	92706	Analysis of functions		
92049	Statistical decision theory	92707	Introduction to fourier analysis		
92051	Regional and urban economic planning 1 (Stochastic processes)	92708	Integral equations		
92052	Regional and urban economic planning 1	92714	Differential methods		
92053	Regional and urban economic planning 2	92719	Matrix methods		
92055	Regional and urban economic planning 3	92721	Stochastic processes		
92060	Investment planning in public sector	92722	Queue theory		
92061	Economic planning in public sector 1 (Regional and urban economic planning and administration)	92724	Elementary decision theory		
92062	Economic planning in public sector 2	92725	Time series		
		92728	Animal physiology		
		92730	Theory of plasticity, advanced course		
		92760	Statistical physics		
		92762	Kinetic theory		
		92772	Fourier optics		