

Winter Semester 2016-2017					
Code	Title	SST	Typ of class	Level	Study area
MAS010	Basic Laboratory for Advanced Materials Science	2,67	Laboratory practical	Master	Advanced Materials Science
MAS030	Introduction to Materials Science	2	Lecture	Master	Advanced Materials Science
MAS040	Introduction to Modelling and Simulation	2	Lecture/Practical	Master	Advanced Materials Science
MAS110	Materials Production and Processing	2	Lecture	Master	Advanced Materials Science
MAS250	Joining Technology	2	Lecture	Master	Advanced Materials Science
MAS280	Materials Selection	2	Lecture	Master	Advanced Materials Science
MAS020	Introduction to Solid State Physics	2	Lecture	Master	Advanced Materials Science
MAS025	Introduction to Solid State Physics, Exercise	1	Practical	Master	Advanced Materials Science
MAS090	Atom Physics - Quantum Mechanics	1,33	Lecture	Master	Advanced Materials Science
MAS130	Physical Properties of Materials	2	Lecture	Master	Advanced Materials Science
MAS160	Materials characterization II	1,33	Lecture	Master	Advanced Materials Science
MAS170	Materials Characterization III	1,33	Lecture	Master	Advanced Materials Science
MAS190_1	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS190_2	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS190_3	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS190_4	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS190_5	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS200	Laboratory Course Metals and Ceramics	6	Laboratory practical	Master	Advanced Materials Science
MAS270	Electron Microscopy in Materials Science	2	Lecture	Master	Advanced Materials Science
MAS300	Laboratory Course Semiconductor Processing and Nanotechnology	5	Laboratory practical	Master	Advanced Materials Science
MAS310	Seminar Semiconductor Processing and Nanotechnology	1	Seminar	Master	Advanced Materials Science
MAS355	Microscopy and structuring of material surfaces	2	Lecture/Practical	Master	Advanced Materials Science
PHT301	Physics of Semiconductor Devices	2	Lecture	Master	Advanced Materials Science
PHT303	Soft Matter Physics	2	Lecture	Master	Advanced Materials Science
PHT306	Vacuum Technology	2	Lecture	Master	Advanced Materials Science
PHT701	Nanostructures and Nanotechnology	2	Lecture	Master	Advanced Materials Science
PHT704	Laboratory Exercises in Computer Supported Measurement Techniques for Advanced Materials Science	3	Laboratory practical	Master	Advanced Materials Science
513221	Physics of Semiconductor Devices	2	Lecture	Master	Advanced Materials Science
519007	Electron Microscopy in Materials Science	2	Lecture	Master	Advanced Materials Science
519300	Materials Characterization II	1,33	Lecture	Master	Advanced Materials Science

519313	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
CHE572	Corrosion and Corrosion Protection of Metallic Materials	2	Lecture	Master	Advanced Materials Science
CHE573	Electrochemical Surface Refinement	2	Lecture	Master	Advanced Materials Science
MAS060	Applied Chemistry I	1,33	Lecture	Master	Advanced Materials Science
MAS070	Applied Chemistry II	1,33	Lecture	Master	Advanced Materials Science
MAS080	Analytical Chemistry	2	Lecture	Master	Advanced Materials Science
MAS100	Introduction to Solid State Chemistry for Advanced Materials Science	1,33	Lecture	Master	Advanced Materials Science
MAS150	Materials Characterization I	1,33	Lecture	Master	Advanced Materials Science
MAS190_6	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science
MAS430	Physical and Chemical Characterization of Biopolymers	2	Lecture	Master	Advanced Materials Science
MAS450	Tissue Engineering	2	Lecture	Master	Advanced Materials Science
145513	Workshop 1	2	Seminar	Bachelor	Architecture
155513	Workshop 1	2	Seminar	Bachelor	Architecture
155547	Artistic Design 2	2	Seminar	Bachelor	Architecture
161548	Digital design methods	2	Seminar	Bachelor	Architecture
143701	Integral Design Studio 1	7	Practical	Master	Architecture
143702	Integral Design Studio 2	7	Practical	Master	Architecture
143703	Integral Design Studio 3	7	Practical	Master	Architecture
143815	Concepts and Practical Experience in Curating Architecture ("Exhibiting Architecture")	2	Seminar	Master	Architecture
145809	History of the city	2	Lecture	Master	Architecture
147801	AK Housing construction	4	Seminar	Master	Architecture
147802	Architecture Image Consumerism	2	Seminar	Master	Architecture
149701	Integral Design Studio 1	7	Practical	Master	Architecture
149702	Integral Design Studio 2	7	Practical	Master	Architecture
149703	Integral Design Studio 3	7	Practical	Master	Architecture
149777	Integral Design Studio	7	Practical	Master	Architecture
149801	Structure and facade	2	Seminar	Master	Architecture
149807	Materialisation 3 Project viewing	2	Seminar	Master	Architecture
153777	Integral Design Studio	7	Practical	Master	Architecture
153804	LandLab: CASE	4	Seminar	Master	Architecture
153807	Future Lab	2	Seminar	Master	Architecture
155701	Integral Design Studio 1	7	Practical	Master	Architecture
155702	Integral Design Studio 2	7	Practical	Master	Architecture
155703	Integral Design Studio 3	7	Practical	Master	Architecture
155801	Artistic Interventions in Public Space	4	Seminar	Master	Architecture
155802	Contemporary art production	2	Seminar	Master	Architecture
155804	Art and Public	2	Seminar	Master	Architecture

159701	Integral Design Studio 1	7	Practical	Master	Architecture
159702	Integral Design Studio 2	7	Practical	Master	Architecture
159703	Integral Design Studio 3	7	Practical	Master	Architecture
159777	Integral Design Studio	7	Practical	Master	Architecture
159801	Energy design	4	Seminar	Master	Architecture
159805	Advanced facade technologies	2	Seminar	Master	Architecture
161701	Integral Design Studio 1	7	Practical	Master	Architecture
161702	Integral Design Studio 2	7	Practical	Master	Architecture
161703	Integral Design Studio 3	7	Practical	Master	Architecture
161777	Integral Design Studio	7	Practical	Master	Architecture
161802	Digital manufacture	2	Seminar	Master	Architecture
161807	Simulation technology	2	Seminar	Master	Architecture
209107	Modelling of Networks	3	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
213411	Hydraulics 1	1	Lecture	Master	Civil Engineering Sciences - Infrastructure
213421	Hydraulics 2	4	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
213423	Project Planning and Supervision of Hydraulic Structures	3,5	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
215401	Hydrology	2	Lecture	Master	Civil Engineering Sciences - Infrastructure
215499	Model Based Optimisation of Water Distribution Systems	2	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
217452	Soil Mechanics and Foundation Engineering	2,5	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
220102	Rock Mechanics and Tunnelling	2,5	Lecture	Master	Civil Engineering Sciences - Infrastructure
371170	Creativity Techniques	1	Lecture	Master	Civil Engineering Sciences - Infrastructure
371171	Creativity Techniques	1	Practical	Master	Civil Engineering Sciences - Infrastructure
520316	Geotechnical Monitoring	3	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
202463	Finite Element Method	2	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
205500	Project	4	Project	Master	Civil Engineering Sciences and Structural Engineering
221501	Project	4	Seminar/Project	Master	Civil Engineering Sciences and Structural Engineering
261451	Continuum Mechanics	3	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
261500	Project	4	Project	Master	Civil Engineering Sciences and Structural Engineering
215303	Hydrology	1	Lecture	Bachelor	Civil Engineering Sciences with Economics
220363	Bachelor Project	4	Seminar/Project	Bachelor	Civil Engineering Sciences with Economics
221352	Geology for Civil Engineers	1,5	Lecture	Bachelor	Civil Engineering Sciences with Economics
221363	Project	4	Seminar/Project	Bachelor	Civil Engineering Sciences with Economics

MOL855	Molecular physiology	2	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL934	Bioinformatics	2	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL961	Food Chemistry and Technology II	2	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL966	Protein Engineering	1,3	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
648001	Fundamentals of molecular- and cell biology	2	Lecture	Bachelor	Biomedical Engineering
719002	Strength of Materials	3	Lecture/Practical	Bachelor	Biomedical Engineering
719010	Bachelorproject Biomedical Engineering	1	Seminar/Project	Bachelor	Biomedical Engineering
202463	Finite Element Method	2	Lecture/Practical	Master	Biomedical Engineering
261451	Continuum Mechanics	3	Lecture/Practical	Master	Biomedical Engineering
439004	Basics of Microelectronics	2	Lecture	Master	Biomedical Engineering
439040	Development of Electronic Systems	4	Lecture	Master	Biomedical Engineering
439096	Electromagnetic Compatibility of Electronic Systems	2	Lecture	Master	Biomedical Engineering
439097	Electromagnetic Compatibility of Electronic Systems Laboratory	1	Laboratory practical	Master	Biomedical Engineering
451100	Introduction to Microwave Engineering	2	Lecture	Master	Biomedical Engineering
451101	Introduction to Microwave Engineering	1	Practical	Master	Biomedical Engineering
MAS160	Materials characterization II	1,33	Lecture	Master	Biomedical Engineering
MAS170	Materials Characterization III	1,33	Lecture	Master	Biomedical Engineering
519300	Materials Characterization II	1,33	Lecture	Master	Biomedical Engineering
MAS450	Tissue Engineering	2	Lecture	Master	Biomedical Engineering
707007	Network Science	3	Lecture/Practical	Master	Biomedical Engineering
708075	Neural Networks	2	Lecture	Master	Biomedical Engineering
708076	Neural Networks	1	Design practical	Master	Biomedical Engineering
708111	Computational Intelligence Seminar A	2	Seminar	Master	Biomedical Engineering
709003	Rehabilitation Engineering	2	Lecture	Master	Biomedical Engineering
709007	Cognitive Neuroscience	2	Lecture	Master	Biomedical Engineering
709021	Introduction to Brain-Computer Interfacing	1	Lecture	Master	Biomedical Engineering
709049	Medical informatics	2	Lecture	Master	Biomedical Engineering
709051	Neuroprosthetics	2	Lecture	Master	Biomedical Engineering
709059	Non-invasive Brain-Computer Interfaces 2	2	Design practical	Master	Biomedical Engineering
709063	Information Processing in Humans	2	Lecture	Master	Biomedical Engineering
710033	Optimization for Computer Science	2	Lecture	Master	Biomedical Engineering
710034	Optimization for Computer Science	1	Practical	Master	Biomedical Engineering
710088	Biomedical Visualization	2	Lecture	Master	Biomedical Engineering
718017	Cellular Electrophysiology and Models	2	Lecture	Master	Biomedical Engineering
718188	Medical Laser Technology	2	Lecture	Master	Biomedical Engineering
719001	Mechanics of Biological Tissues	2	Lecture	Master	Biomedical Engineering
719007	Mechanics of Proteins and Cells	2	Lecture	Master	Biomedical Engineering
719012	Master Seminar	1	Seminar/Project	Master	Biomedical Engineering

MOL991	Microscopy in Biotechnology	2	Lecture	Master	Biotechnology
MOL731	Biodiversity and Applied Microbiology	2	Lecture	Master	Biotechnology
MOL911	Molecular Biotechnology I	2	Lecture	Master	Biotechnology
MOL913	Bioprocess Technology I	2	Lecture	Master	Biotechnology
MOL915	Laboratory Course Environmental and Food Biotechnology	5	Laboratory practical	Master	Biotechnology
MOL931	Enzyme Technology and Biocatalysis	2	Lecture	Master	Biotechnology
MOL932	Environmental Biotechnology	2	Lecture	Master	Biotechnology
MOL933	Food Biotechnology	1,3	Lecture	Master	Biotechnology
MOL934	Bioinformatics	2	Lecture	Master	Biotechnology
MOL943_1	Advanced Seminar for Master´s Thesis in Biotechnology	2	Seminar	Master	Biotechnology
MOL950_1	Laboratory Project Biotechnology	9	Laboratory practical	Master	Biotechnology
MOL959	Enzymatic and Microbial Food Processing	2	Lecture	Master	Biotechnology
MOL961	Food Chemistry and Technology II	2	Lecture	Master	Biotechnology
MOL963	Environmental Microbiology	1,3	Seminar	Master	Biotechnology
MOL964	Bioremediation	2	Lecture/Practical	Master	Biotechnology
MOL965	Enzymatic Processes in Environmental and Human Technology	1,3	Lecture	Master	Biotechnology
MOL966	Protein Engineering	1,3	Lecture	Master	Biotechnology
MOL976	Synthetic Biotechnology	2	Seminar	Master	Biotechnology
MOL987	Computational Systems Biotechnology	2	Lecture/Practical	Master	Biotechnology
MOL989	Quality Assurance GMP in Pharmaceutical, Food and Biotechnological Processing	2	Seminar	Master	Biotechnology
MOL992	Bioprocess Technology of Fungi and Cell Cultures	2	Lecture	Master	Biotechnology
MOL994	Fermentation Technology	1,3	Lecture/Practical	Master	Biotechnology
MOL998	Current Topics in Bioprocess Engineering	1,3	Seminar	Master	Biotechnology
CHE802	Transport Processes I	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE803	Transport Processes II	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE513	Introduction to Solid State Chemistry	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE516	Renewable Resources - Chemistry and Technology	1,33	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE518	Macromolecular Materials and -technologies I	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE519	Physical Chemistry for Technical Chemists	1,33	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE806	Chemical Reaction Engineering I	3	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE820	Particle Technology II	3	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE821	Process Intensification and Hybride Processes	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE822	Process Intensification and Hybride Processes	1	Practical	Master	Chemical and Pharmaceutical Engineering
CHE826	Thermodynamics	4	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE827	Thermodynamics	3	Practical	Master	Chemical and Pharmaceutical Engineering

CHE830	Pharmaceutical Engineering I	3	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE832	Pharmaceutical Process and Plant Engineering	2,66	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE833	Quality by Design	1,33	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE851	Mass Transfer Unit Operations Laboratory II	2	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE854	Advanced Chemical Reaction Engineering Laboratory	2	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE855	Labor Partikelverfahrenstechnik II	2	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE860	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE884	Quality Assurance in Pharmaceutical, Food and Biotechnological	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE890	Food Biotechnology	1,33	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE891	Enzyme Technology and Biocatalysis	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE155	Biochemistry II	1,5	Lecture	Bachelor	Chemistry
CHE167	Genetics	2	Lecture	Bachelor	Chemistry
CHE172	Technology of Inorganic Materials II	1,33	Lecture	Bachelor	Chemistry
CHE182	Environmental- and Foodanalytics	1,33	Lecture	Bachelor	Chemistry
373341	Marketing Management (english)	2	Lecture	Master	Chemistry
373342	Marketing Management (english)	1	Practical	Master	Chemistry
CHE311	Inorganic Chemistry I - Organometallic Chemistry of Main Group	1,33	Lecture	Master	Chemistry
CHE343	Electrochemical Reactions	2	Lecture	Master	Chemistry
CHE358	Radiochemistry	1,33	Lecture	Master	Chemistry
CHE373	EPR spectroscopy	1,33	Lecture	Master	Chemistry
MOL855	Molecular physiology	2	Lecture	Master	Chemistry
442011	Adaptive Systems	2	Lecture	Master	Computer Science
442012	Adaptive Systems	1	Practical	Master	Computer Science
442041	Advanced Signal Processing 1, Seminar	2	Seminar	Master	Computer Science
443501	Control Systems 2	2	Lecture	Master	Computer Science
443502	Control Systems 2	1	Practical	Master	Computer Science
448056	Context-Aware Computing	2	Lecture	Master	Computer Science
448057	Context-Aware Computing	1	Practical	Master	Computer Science
448064	Power-Aware Computing	2	Lecture/Practical	Master	Computer Science
448065	Power-Aware Computing, Laboratory	1	Laboratory practical	Master	Computer Science
448085	Project Technical Informatics	1	Project	Master	Computer Science
448086	Diploma Seminar	3	Seminar	Master	Computer Science
MAT903	Theoretical computer science II	3	Lecture	Master	Computer Science
MAT904	Theoretical computer science II	1	Practical	Master	Computer Science
507100	Geometry for Computer Scientists	2	Lecture/Practical	Master	Computer Science
522142	Navigation Systems	2	Lecture/Practical	Master	Computer Science
705005	System-on-Chip Architectures and Modelling	3	Lecture/Practical	Master	Computer Science

705010	Advanced Computer Networks	2	Lecture	Master	Computer Science
705011	Advanced Computer Networks	1	Design practical	Master	Computer Science
705024	Security Aspects in Software Development	2	Lecture	Master	Computer Science
705025	Security Aspects in Software Development	1	Design practical	Master	Computer Science
705040	Verification and Testing	2	Lecture	Master	Computer Science
705041	Verification and Testing	1	Practical	Master	Computer Science
705052	Selected Topics IT Security 1	2	Lecture	Master	Computer Science
705053	Selected Topics IT Security 1	1	Design practical	Master	Computer Science
705058	IT Security	2	Lecture	Master	Computer Science
705059	IT Security	1	Design practical	Master	Computer Science
705062	Applied Cryptography	2	Lecture	Master	Computer Science
705063	Applied Cryptography	1	Design practical	Master	Computer Science
705405	Diplomanden-Seminar	3	Seminar	Master	Computer Science
706041	Information Architecture and Web Usability	3	Lecture/Practical	Master	Computer Science
706048	Information Search and Retrieval	3	Lecture/Practical	Master	Computer Science
706052	Selected Topics Information Systems	3	Lecture/Practical	Master	Computer Science
706117	Diploma Seminar	3	Seminar	Master	Computer Science
706222	Game Design and Development	3	Lecture/Practical	Master	Computer Science
707003	Knowledge Discovery and Data Mining 1	2	Lecture	Master	Computer Science
707007	Network Science	3	Lecture/Practical	Master	Computer Science
707010	Web Technology	3	Lecture/Practical	Master	Computer Science
707011	Semantic Technologies	3	Lecture/Practical	Master	Computer Science
707031	Evaluation Methodology	2	Lecture/Practical	Master	Computer Science
707032	Science 2.0	2	Lecture/Practical	Master	Computer Science
708061	Autonomously Learning Systems	2	Lecture	Master	Computer Science
708062	Autonomously Learning Systems	1	Design practical	Master	Computer Science
708075	Neural Networks	2	Lecture	Master	Computer Science
708076	Neural Networks	1	Design practical	Master	Computer Science
708111	Computational Intelligence Seminar A	2	Seminar	Master	Computer Science
708117	Diploma Seminar	3	Seminar	Master	Computer Science
708424	Computational Intelligence Project	1	Project	Master	Computer Science
710002	Advanced Computer Graphics	2	Seminar	Master	Computer Science
710008	Augmented Reality	3	Lecture/Practical	Master	Computer Science
710033	Optimization for Computer Science	2	Lecture	Master	Computer Science
710034	Optimization for Computer Science	1	Practical	Master	Computer Science
710079	Real-Time Graphics	1	Design practical	Master	Computer Science
710080	Image Processing and Pattern Recognition	2	Lecture	Master	Computer Science
710081	Image Processing and Pattern Recognition	1	Design practical	Master	Computer Science

710094	Image Understanding	2	Lecture	Master	Computer Science
710095	Image Understanding	1	Design practical	Master	Computer Science
710111	Research Seminar Virtual Reality	2	Seminar	Master	Computer Science
711009	Computer-Aided Geometric Design	3	Lecture/Practical	Master	Computer Science
716034	Mobile Robots	1	Practical	Master	Computer Science
716091	Construction of Mobile Robots	2	Project	Master	Computer Science
716095	Advanced Topics in Artificial Intelligence	2	Lecture	Master	Computer Science
716096	Advanced Topics in Artificial Intelligence	1	Practical	Master	Computer Science
716101	Software Technology, Seminar	2	Seminar	Master	Computer Science
716117	Diploma Seminar	3	Seminar	Master	Computer Science
716130	Configuration Systems	2	Lecture/Practical	Master	Computer Science
716216	Software Technology Project	1	Project	Master	Computer Science
SES235	Fundamentals of Digital Communications	2	Lecture	Bachelor	Electrical Engineering
SES236	Fundamentals of Digital Communications	1	Practical	Bachelor	Electrical Engineering
431013	Bachelor Project (Thesis)	4	Seminar/Project	Bachelor	Electrical Engineering
439004	Basics of Microelectronics	2	Lecture	Bachelor	Electrical Engineering
442103	Fundamentals of Digital Communications	2	Lecture	Bachelor	Electrical Engineering
442104	Fundamentals of Digital Communications	1	Practical	Bachelor	Electrical Engineering
448004	Technical Informatics 2	1	Practical	Bachelor	Electrical Engineering
448005	Technical Informatics, Laboratory	2	Laboratory practical	Bachelor	Electrical Engineering
PHT301	Physics of Semiconductor Devices	2	Lecture	Bachelor	Electrical Engineering
513221	Physics of Semiconductor Devices	2	Lecture	Bachelor	Electrical Engineering
SES210	Satellite Communications	2	Lecture	Master	Electrical Engineering
SES211	Satellite Communications	1	Practical	Master	Electrical Engineering
SES221	Mobile Radio Systems	2	Lecture	Master	Electrical Engineering
431313	Selected Topics of Drive Systems 1	2	Lecture/Practical	Master	Electrical Engineering
433134	Master-Seminar	3	Seminar	Master	Electrical Engineering
433385	Quality Engineering	1	Practical	Master	Electrical Engineering
434357	Energy Economics	2	Lecture	Master	Electrical Engineering
434401	Practical Aspects of Renewable Energies	2	Lecture/Practical	Master	Electrical Engineering
434500	Interdisciplinary Aspects of Energy Economics	2	Seminar	Master	Electrical Engineering
437253	Theory of Electrical Engineering (engl)	2	Lecture	Master	Electrical Engineering
438039	Signal Analysis	2	Lecture	Master	Electrical Engineering
438039	Signal Analysis	2	Lecture	Master	Electrical Engineering
438040	Signal Analysis	1	Practical	Master	Electrical Engineering
438040	Signal Analysis	1	Practical	Master	Electrical Engineering
439009	Electronic Circuit Design 3	2	Lecture	Master	Electrical Engineering
439013	Digital Circuit Laboratory	3	Laboratory practical	Master	Electrical Engineering

439038	Master-Seminar	3	Seminar	Master	Electrical Engineering
439040	Development of Electronic Systems	4	Lecture	Master	Electrical Engineering
439070	IC Design Fundamentals	2	Lecture	Master	Electrical Engineering
439071	IC Design Fundamentals	2	Practical	Master	Electrical Engineering
439096	Electromagnetic Compatibility of Electronic Systems	2	Lecture	Master	Electrical Engineering
439096	Electromagnetic Compatibility of Electronic Systems	2	Lecture	Master	Electrical Engineering
439097	Electromagnetic Compatibility of Electronic Systems Laboratory	1	Laboratory practical	Master	Electrical Engineering
439097	Electromagnetic Compatibility of Electronic Systems Laboratory	1	Laboratory practical	Master	Electrical Engineering
439205	Advanced Analog IC Design 1	3	Lecture/Practical	Master	Electrical Engineering
439218	Analog IC Design 1	2	Lecture	Master	Electrical Engineering
439219	Analog IC Design 1	2	Practical	Master	Electrical Engineering
439222	Survey on Methods for IC Evaluation	1	Lecture	Master	Electrical Engineering
439223	Analog IC Layout 2	1	Lecture/Practical	Master	Electrical Engineering
439224	Selected Topics Advanced Analog IC Design	2	Lecture/Practical	Master	Electrical Engineering
440418	Satellite Communications	2	Lecture	Master	Electrical Engineering
440419	Satellite Communications	1	Practical	Master	Electrical Engineering
442003	Digital Signal Processing Laboratory	2	Laboratory practical	Master	Electrical Engineering
442011	Adaptive Systems	2	Lecture	Master	Electrical Engineering
442011	Adaptive Systems	2	Lecture	Master	Electrical Engineering
442012	Adaptive Systems	1	Practical	Master	Electrical Engineering
442012	Adaptive Systems	1	Practical	Master	Electrical Engineering
442031	Speech Communication 1	2	Lecture	Master	Electrical Engineering
442041	Advanced Signal Processing 1, Seminar	2	Seminar	Master	Electrical Engineering
442089	Master-Project	4	Project	Master	Electrical Engineering
442114	Mobile Radio Systems	2	Lecture	Master	Electrical Engineering
442120	Mixed-Signal Processing Systems Design	2	Lecture/Practical	Master	Electrical Engineering
442120	Mixed-Signal Processing Systems Design	2	Lecture/Practical	Master	Electrical Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Master	Electrical Engineering
443108	Multivariable Systems	2	Lecture	Master	Electrical Engineering
443109	Multivariable Systems	1	Practical	Master	Electrical Engineering
448015	ICT Computer Architectures	2	Lecture	Master	Electrical Engineering
448016	ICT Computer Architectures	1	Practical	Master	Electrical Engineering
448046	Hardware Description Languages	2	Lecture	Master	Electrical Engineering
448047	Hardware Description Languages	1	Practical	Master	Electrical Engineering
448056	Context-Aware Computing	2	Lecture	Master	Electrical Engineering
448064	Power-Aware Computing	2	Lecture/Practical	Master	Electrical Engineering
448065	Power-Aware Computing, Laboratory	1	Laboratory practical	Master	Electrical Engineering
448074	Real-Time Bus Systems	1	Lecture	Master	Electrical Engineering

448075	Real-Time Bus Systems, Laboratory	1	Laboratory practical	Master	Electrical Engineering
448076	Embedded Automotive Software	2	Lecture/Practical	Master	Electrical Engineering
448083	Master-Seminar	3	Seminar	Master	Electrical Engineering
451144	Radar Seminar	1,5	Seminar	Master	Electrical Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Bachelor	Electrical Engineering and Audio Engineering
442185	Audio Signal Processing, Seminar	3	Seminar	Bachelor	Electrical Engineering and Audio Engineering
442186	Speech Processing, Seminar	3	Seminar	Bachelor	Electrical Engineering and Audio Engineering
SES235	Fundamentals of Digital Communications	2	Lecture	Master	Electrical Engineering and Audio Engineering
SES236	Fundamentals of Digital Communications	1	Practical	Master	Electrical Engineering and Audio Engineering
439004	Basics of Microelectronics	2	Lecture	Master	Electrical Engineering and Audio Engineering
439009	Electronic Circuit Design 3	2	Lecture	Master	Electrical Engineering and Audio Engineering
439013	Digital Circuit Laboratory	3	Laboratory practical	Master	Electrical Engineering and Audio Engineering
439070	IC Design Fundamentals	2	Lecture	Master	Electrical Engineering and Audio Engineering
439071	IC Design Fundamentals	2	Practical	Master	Electrical Engineering and Audio Engineering
442003	Digital Signal Processing Laboratory	2	Laboratory practical	Master	Electrical Engineering and Audio Engineering
442011	Adaptive Systems	2	Lecture	Master	Electrical Engineering and Audio Engineering
442012	Adaptive Systems	1	Practical	Master	Electrical Engineering and Audio Engineering
442031	Speech Communication 1	2	Lecture	Master	Electrical Engineering and Audio Engineering
442041	Advanced Signal Processing 1, Seminar	2	Seminar	Master	Electrical Engineering and Audio Engineering
442103	Fundamentals of Digital Communications	2	Lecture	Master	Electrical Engineering and Audio Engineering
442104	Fundamentals of Digital Communications	1	Practical	Master	Electrical Engineering and Audio Engineering
442120	Mixed-Signal Processing Systems Design	2	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
442178	Signal Processor Techniques	1	Lecture	Master	Electrical Engineering and Audio Engineering
442192	Advanced Acoustics and Audio Engineering A	1	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
442193	Advanced Acoustics and Audio Engineering B	1	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
448004	Technical Informatics 2	1	Practical	Master	Electrical Engineering and Audio Engineering
448005	Technical Informatics, Laboratory	2	Laboratory practical	Master	Electrical Engineering and Audio Engineering
448064	Power-Aware Computing	2	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
448065	Power-Aware Computing, Laboratory	1	Laboratory practical	Master	Electrical Engineering and Audio Engineering
710080	Image Processing and Pattern Recognition	2	Lecture	Master	Electrical Engineering and Audio Engineering
710081	Image Processing and Pattern Recognition	1	Design practical	Master	Electrical Engineering and Audio Engineering
373341	Marketing Management (english)	2	Lecture	Master	Electrical Engineering and Business
373342	Marketing Management (english)	1	Practical	Master	Electrical Engineering and Business

374001	Quantitative Methods for Business	2	Lecture	Master	Electrical Engineering and Business
374002	Quantitative Methods for Business	3	Practical	Master	Electrical Engineering and Business
SES221	Mobile Radio Systems	2	Lecture	Master	Electrical Engineering and Business
433385	Quality Engineering	1	Practical	Master	Electrical Engineering and Business
434357	Energy Economics	2	Lecture	Master	Electrical Engineering and Business
437253	Theory of Electrical Engineering (engl)	2	Lecture	Master	Electrical Engineering and Business
438039	Signal Analysis	2	Lecture	Master	Electrical Engineering and Business
438040	Signal Analysis	1	Practical	Master	Electrical Engineering and Business
439070	IC Design Fundamentals	2	Lecture	Master	Electrical Engineering and Business
439071	IC Design Fundamentals	2	Practical	Master	Electrical Engineering and Business
439096	Electromagnetic Compatibility of Electronic Systems	2	Lecture	Master	Electrical Engineering and Business
439218	Analog IC Design 1	2	Lecture	Master	Electrical Engineering and Business
439219	Analog IC Design 1	2	Practical	Master	Electrical Engineering and Business
442041	Advanced Signal Processing 1, Seminar	2	Seminar	Master	Electrical Engineering and Business
442114	Mobile Radio Systems	2	Lecture	Master	Electrical Engineering and Business
442120	Mixed-Signal Processing Systems Design	2	Lecture/Practical	Master	Electrical Engineering and Business
448015	ICT Computer Architectures	2	Lecture	Master	Electrical Engineering and Business
448016	ICT Computer Architectures	1	Practical	Master	Electrical Engineering and Business
GEO701	Soil genesis	1	Lecture	Master	Earth Sciences
GEO708	Engineering Geological Investigations	2	Lecture	Master	Earth Sciences
GEO732	Applied Geophysics	2	Lecture	Master	Earth Sciences
GEO733	GIS and Remote Sensing for Geo Scientists	2	Practical	Master	Earth Sciences
GEO790	Clay Minerals	2	Lecture	Master	Earth Sciences
GEO941	Modelling in Engineering Geology	2	Lecture/Practical	Master	Earth Sciences
GEO950	Field Methods of Rock Mass Characterization	2	Excursion	Master	Earth Sciences
GEO951	Engineering Geological Laboratory Methods	1	Lecture/Practical	Master	Earth Sciences
GEO989	Hydrogeochemical Laboratory Practical	3	Laboratory practical	Master	Earth Sciences
GEO992	Landslides and Slope Processes	2	Lecture	Master	Earth Sciences
GEO990	Geotechnical Monitoring	2,75	Lecture/Practical	Master	Earth Sciences
520315	Geotechnical Monitoring	3	Lecture/Practical	Master	Geomatics Science
522142	Navigation Systems	2	Lecture/Practical	Master	Geomatics Science
522142	Navigation Systems	2	Lecture/Practical	Master	Geomatics Science
522447	GGOS and Reference Systems	2	Lecture	Master	Geomatics Science
522448	GGOS and Reference Systems	1	Practical	Master	Geomatics Science
202463	Finite Element Method	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering

213411	Hydraulics 1	1	Lecture	Master	Geotechnical and Hydraulic Engineering
213413	Hydraulics 1	1,5	Seminar	Master	Geotechnical and Hydraulic Engineering
213421	Hydraulics 2	4	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213423	Project Planning and Supervision of Hydraulic Structures	3,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213427	Seismic Evaluation of Water Retention Structures	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213431	Advanced Hydraulics	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213433	Design and Construction of Headrace Tunnels	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213439	Numerics in Hydraulic Engineering	3	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213501	Master Project Hydraulic Engineering	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
213999	Landscaping in Hydraulic Engineering	3	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
215401	Hydrology	2	Lecture	Master	Geotechnical and Hydraulic Engineering
217452	Soil Mechanics and Foundation Engineering	2,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
217456	Case Studies in Foundation Engineering	4	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
217462	Computational Geotechnics	4,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
217501	Master Project Soil Mechanics	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
220102	Rock Mechanics and Tunnelling	2,5	Lecture	Master	Geotechnical and Hydraulic Engineering
220156	Field Excursion Rock Mechanics	1,5	Excursion	Master	Geotechnical and Hydraulic Engineering
220221	Monitoring Data Interpretation in NATM	1,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
220233	Numerical Methods in Rock Mechanics	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
220501	Master Project Rock Mechanics	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
221410	Petrology	1	Lecture	Master	Geotechnical and Hydraulic Engineering
221411	Petology	1	Practical	Master	Geotechnical and Hydraulic Engineering
221422	Clays and Clay Minerals in Geotechnics	1,5	Lecture	Master	Geotechnical and Hydraulic Engineering
221430	Fundamentals of Grouting	2	Lecture	Master	Geotechnical and Hydraulic Engineering
221443	Field Methods of Rock Mass Characterisation	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
221451	Engineering Geological Investigation	2	Lecture	Master	Geotechnical and Hydraulic Engineering
261451	Continuum Mechanics	3	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
520316	Geotechnical Monitoring	3	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
IND04033U	Logic and Computability	2	Lecture	Bachelor	Computer Science
IND04034U	Logic and Computability	1	Design practical	Bachelor	Computer Science
INH04061U	Systems Programming	1,5	Design practical	Bachelor	Computer Science
705027	Introduction to Information Security	1	Design practical	Bachelor	Computer Science
705028	Introduction to Information Security	2	Lecture	Bachelor	Computer Science
705060	Operating Systems	4	Lecture/Practical	Bachelor	Computer Science

707023	Software Architecture	2	Lecture	Bachelor	Computer Science
707024	Software Architecture	1	Design practical	Bachelor	Computer Science
708204	Bachelor Thesis Informatics	2	Seminar/Project	Bachelor	Computer Science
940001	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940002	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940003	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940004	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940005	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940010	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940011	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940012	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940013	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940014	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940050	English for Engineers: Perfection Level 1 (C1/1)	2	Seminar	Bachelor	Computer Science
443501	Control Systems 2	2	Lecture	Bachelor	Information and Computer Engineering
443502	Control Systems 2	1	Practical	Bachelor	Information and Computer Engineering
448046	Hardware Description Languages	2	Lecture	Bachelor	Information and Computer Engineering
448047	Hardware Description Languages	1	Practical	Bachelor	Information and Computer Engineering
451100	Introduction to Microwave Engineering	2	Lecture	Bachelor	Information and Computer Engineering
451101	Introduction to Microwave Engineering	1	Practical	Bachelor	Information and Computer Engineering
IND04033U	Logic and Computability	2	Lecture	Bachelor	Information and Computer Engineering
IND04034U	Logic and Computability	1	Design practical	Bachelor	Information and Computer Engineering
INH04061U	Systems Programming	1,5	Design practical	Bachelor	Information and Computer Engineering
705027	Introduction to Information Security	1	Design practical	Bachelor	Information and Computer Engineering
705028	Introduction to Information Security	2	Lecture	Bachelor	Information and Computer Engineering
705060	Operating Systems	4	Lecture/Practical	Bachelor	Information and Computer Engineering
708205	Bachelor Thesis Information and Computer Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
371109	Value Management I	1	Lecture	Master	Information and Computer Engineering
371146	Product Innovation Project 1	3	Project	Master	Information and Computer Engineering
371172	Creativity Techniques	1	Lecture	Master	Information and Computer Engineering
371173	Creativity Techniques	1	Practical	Master	Information and Computer Engineering
372258	Information Management	1	Lecture	Master	Information and Computer Engineering
372259	Information Management	2	Practical	Master	Information and Computer Engineering
373341	Marketing Management (english)	2	Lecture	Master	Information and Computer Engineering

373342	Marketing Management (english)	1	Practical	Master	Information and Computer Engineering
374001	Quantitative Methods for Business	2	Lecture	Master	Information and Computer Engineering
374002	Quantitative Methods for Business	3	Practical	Master	Information and Computer Engineering
374022	Production Planning & Control	2	Practical	Master	Information and Computer Engineering
374023	Production Planning & Control	2	Lecture	Master	Information and Computer Engineering
SES210	Satellite Communications	2	Lecture	Master	Information and Computer Engineering
SES211	Satellite Communications	1	Practical	Master	Information and Computer Engineering
SES221	Mobile Radio Systems	2	Lecture	Master	Information and Computer Engineering
SES235	Fundamentals of Digital Communications	2	Lecture	Master	Information and Computer Engineering
SES236	Fundamentals of Digital Communications	1	Practical	Master	Information and Computer Engineering
438039	Signal Analysis	2	Lecture	Master	Information and Computer Engineering
438040	Signal Analysis	1	Practical	Master	Information and Computer Engineering
439004	Basics of Microelectronics	2	Lecture	Master	Information and Computer Engineering
439009	Electronic Circuit Design 3	2	Lecture	Master	Information and Computer Engineering
439013	Digital Circuit Laboratory	3	Laboratory practical	Master	Information and Computer Engineering
439035	Seminar/Project Electronics	6	Seminar/Project	Master	Information and Computer Engineering
439040	Development of Electronic Systems	4	Lecture	Master	Information and Computer Engineering
439070	IC Design Fundamentals	2	Lecture	Master	Information and Computer Engineering
439071	IC Design Fundamentals	2	Practical	Master	Information and Computer Engineering
439096	Electromagnetic Compatibility of Electronic Systems	2	Lecture	Master	Information and Computer Engineering
439097	Electromagnetic Compatibility of Electronic Systems Laboratory	1	Laboratory practical	Master	Information and Computer Engineering
439205	Advanced Analog IC Design 1	3	Lecture/Practical	Master	Information and Computer Engineering
439218	Analog IC Design 1	2	Lecture	Master	Information and Computer Engineering
439219	Analog IC Design 1	2	Practical	Master	Information and Computer Engineering
439223	Analog IC Layout 2	1	Lecture/Practical	Master	Information and Computer Engineering
439224	Selected Topics Advanced Analog IC Design	2	Lecture/Practical	Master	Information and Computer Engineering
440418	Satellite Communications	2	Lecture	Master	Information and Computer Engineering
440419	Satellite Communications	1	Practical	Master	Information and Computer Engineering
442003	Digital Signal Processing Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
442011	Adaptive Systems	2	Lecture	Master	Information and Computer Engineering
442012	Adaptive Systems	1	Practical	Master	Information and Computer Engineering
442031	Speech Communication 1	2	Lecture	Master	Information and Computer Engineering
442041	Advanced Signal Processing 1, Seminar	2	Seminar	Master	Information and Computer Engineering
442087	Seminar/Project Signal Processing	6	Seminar/Project	Master	Information and Computer Engineering

442088	Seminar/Project Speech Communication	6	Seminar/Project	Master	Information and Computer Engineering
442103	Fundamentals of Digital Communications	2	Lecture	Master	Information and Computer Engineering
442104	Fundamentals of Digital Communications	1	Practical	Master	Information and Computer Engineering
442114	Mobile Radio Systems	2	Lecture	Master	Information and Computer Engineering
442120	Mixed-Signal Processing Systems Design	2	Lecture/Practical	Master	Information and Computer Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
443108	Multivariable Systems	2	Lecture	Master	Information and Computer Engineering
443109	Multivariable Systems	1	Practical	Master	Information and Computer Engineering
443501	Control Systems 2	2	Lecture	Master	Information and Computer Engineering
443502	Control Systems 2	1	Practical	Master	Information and Computer Engineering
443523	System Theory	2	Lecture	Master	Information and Computer Engineering
448046	Hardware Description Languages	2	Lecture	Master	Information and Computer Engineering
448047	Hardware Description Languages	1	Practical	Master	Information and Computer Engineering
448052	Embedded Internet	2	Lecture/Practical	Master	Information and Computer Engineering
448053	Embedded Internet	2	Laboratory practical	Master	Information and Computer Engineering
448056	Context-Aware Computing	2	Lecture	Master	Information and Computer Engineering
448057	Context-Aware Computing	1	Practical	Master	Information and Computer Engineering
448064	Power-Aware Computing	2	Lecture/Practical	Master	Information and Computer Engineering
448065	Power-Aware Computing, Laboratory	1	Laboratory practical	Master	Information and Computer Engineering
448070	Distributed Embedded Systems, Seminar	3	Seminar	Master	Information and Computer Engineering
448074	Real-Time Bus Systems	1	Lecture	Master	Information and Computer Engineering
448075	Real-Time Bus Systems, Laboratory	1	Laboratory practical	Master	Information and Computer Engineering
448076	Embedded Automotive Software	2	Lecture/Practical	Master	Information and Computer Engineering
448080	Seminar/Project Technical Informatics	6	Seminar/Project	Master	Information and Computer Engineering
451100	Introduction to Microwave Engineering	2	Lecture	Master	Information and Computer Engineering
451101	Introduction to Microwave Engineering	1	Practical	Master	Information and Computer Engineering
451144	Radar Seminar	1,5	Seminar	Master	Information and Computer Engineering
451500	Applied Microwave Systems	2	Lecture	Master	Information and Computer Engineering
451502	RF and Microwave Component Design	2	Lecture/Practical	Master	Information and Computer Engineering
PHT301	Physics of Semiconductor Devices	2	Lecture	Master	Information and Computer Engineering
513221	Physics of Semiconductor Devices	2	Lecture	Master	Information and Computer Engineering
522142	Navigation Systems	2	Lecture/Practical	Master	Information and Computer Engineering
IND04033U	Logic and Computability	2	Lecture	Master	Information and Computer Engineering
IND04034U	Logic and Computability	1	Design practical	Master	Information and Computer Engineering

705005	System-on-Chip Architectures and Modelling	3	Lecture/Practical	Master	Information and Computer Engineering
705010	Advanced Computer Networks	2	Lecture	Master	Information and Computer Engineering
705011	Advanced Computer Networks	1	Design practical	Master	Information and Computer Engineering
705024	Security Aspects in Software Development	2	Lecture	Master	Information and Computer Engineering
705025	Security Aspects in Software Development	1	Design practical	Master	Information and Computer Engineering
705040	Verification and Testing	2	Lecture	Master	Information and Computer Engineering
705041	Verification and Testing	1	Practical	Master	Information and Computer Engineering
705052	Selected Topics IT Security 1	2	Lecture	Master	Information and Computer Engineering
705053	Selected Topics IT Security 1	1	Design practical	Master	Information and Computer Engineering
705058	IT Security	2	Lecture	Master	Information and Computer Engineering
705059	IT Security	1	Design practical	Master	Information and Computer Engineering
705062	Applied Cryptography	2	Lecture	Master	Information and Computer Engineering
705063	Applied Cryptography	1	Design practical	Master	Information and Computer Engineering
705107	Seminar/Project Applied Information Processing	6	Seminar/Project	Master	Information and Computer Engineering
708061	Autonomously Learning Systems	2	Lecture	Master	Information and Computer Engineering
708062	Autonomously Learning Systems	1	Design practical	Master	Information and Computer Engineering
708075	Neural Networks	2	Lecture	Master	Information and Computer Engineering
708076	Neural Networks	1	Design practical	Master	Information and Computer Engineering
708111	Computational Intelligence Seminar A	2	Seminar	Master	Information and Computer Engineering
708413	Seminar/Project Machine Learning and Neuroinformatics	6	Seminar/Project	Master	Information and Computer Engineering
709003	Rehabilitation Engineering	2	Lecture	Master	Information and Computer Engineering
709007	Cognitive Neuroscience	2	Lecture	Master	Information and Computer Engineering
710008	Augmented Reality	3	Lecture/Practical	Master	Information and Computer Engineering
710033	Optimization for Computer Science	2	Lecture	Master	Information and Computer Engineering
710034	Optimization for Computer Science	1	Practical	Master	Information and Computer Engineering
710079	Real-Time Graphics	1	Design practical	Master	Information and Computer Engineering
710080	Image Processing and Pattern Recognition	2	Lecture	Master	Information and Computer Engineering
710081	Image Processing and Pattern Recognition	1	Design practical	Master	Information and Computer Engineering
710094	Image Understanding	2	Lecture	Master	Information and Computer Engineering
710095	Image Understanding	1	Design practical	Master	Information and Computer Engineering
710111	Research Seminar Virtual Reality	2	Seminar	Master	Information and Computer Engineering
711009	Computer-Aided Geometric Design	3	Lecture/Practical	Master	Information and Computer Engineering
716091	Construction of Mobile Robots	2	Project	Master	Information and Computer Engineering
716101	Software Technology, Seminar	2	Seminar	Master	Information and Computer Engineering

716107	Seminar/Project Robotics	6	Seminar/Project	Master	Information and Computer Engineering
940070	English for Engineers: Advanced Oral Skills (C1/1)	2	Seminar	Master	Information and Computer Engineering
940080	English for Engineers: Advanced - Professional Meetings (C1/1)	2	Seminar	Master	Information and Computer Engineering
940965	Intercultural Social Competence for Work and Life	2	Seminar	Master	Information and Computer Engineering
940966	Intercultural Social Competence for Work and Life	2	Seminar	Master	Information and Computer Engineering
MAS250	Joining Technology	2	Lecture	Master	Mechanical Engineering
303029	Economic and Ecological Technology Management	2	Lecture/Practical	Master	Mechanical Engineering
303106	Selection of Engineering Materials	2	Lecture	Master	Mechanical Engineering
309028	Automation Technologies for Production Systems	2	Lecture	Master	Mechanical Engineering
313066	CAX in Automotive and Engine Technology	1	Lecture	Master	Mechanical Engineering
313067	CAX in Automotive and Engine Technology	2	Practical	Master	Mechanical Engineering
319082	Computational Fluid Dynamics	2	Lecture	Master	Mechanical Engineering
319083	Computational Fluid Dynamics	1	Practical	Master	Mechanical Engineering
333038	Vehicle Safety 1	2	Lecture	Master	Mechanical Engineering
336048	Quality Management	2	Lecture	Master	Mechanical Engineering
371146	Product Innovation Project 1	3	Project	Master	Mechanical Engineering
MAS270	Electron Microscopy in Materials Science	2	Lecture	Master	Mechanical Engineering
519007	Electron Microscopy in Materials Science	2	Lecture	Master	Mechanical Engineering
CHE762	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	Master	Mechanical Engineering
261451	Continuum Mechanics	3	Lecture/Practical	Master	Mathematics
MAT402	Discrete and algebraic structures	3	Lecture	Master	Mathematics
MAT403_2	Discrete and algebraic structures	1	Practical	Master	Mathematics
MAT404	Advanced Functional Analysis	3	Lecture	Master	Mathematics
MAT405	Advanced functional analysis	1	Practical	Master	Mathematics
MAT414	Discrete and Computational Geometry	3	Lecture	Master	Mathematics
MAT415	Discrete and Computational Geometry	1	Practical	Master	Mathematics
MAT430	Operations Research	3	Lecture	Master	Mathematics
MAT431	Operations Research	1	Practical	Master	Mathematics
MAT440	Numerical mathematics 4	3	Lecture	Master	Mathematics
MAT441	Numerical mathematics 4	1	Practical	Master	Mathematics
MAT511	Probabilistic Methods and Algorithms	3	Lecture/Practical	Master	Mathematics
MAT514	Complexity theory	3	Lecture	Master	Mathematics
MAT515	Complexity theory	1	Practical	Master	Mathematics
MAT522	Risk theory and management in actuarial science	3	Lecture	Master	Mathematics
MAT524	Life and health insurance mathematics	2	Lecture	Master	Mathematics
MAT540	Mathematical modelling in engineering	4	Lecture	Master	Mathematics
MAT541	Project Technomathematics	2	Project	Master	Mathematics
MAT604	Seminar (Applied Analysis and Computational Mathematics)	2	Seminar	Master	Mathematics

MAT607	Seminar (Combinatorics and Optimization)	2	Seminar	Master	Mathematics
MAT620	Elective subject Mathematics (Analysis of Algorithms)	2	Lecture	Master	Mathematics
515468	Theoretical Solid State Physics	2	Lecture	Master	Mathematics
719001	Mechanics of Biological Tissues	2	Lecture	Master	Mathematics
MOL502	Molecular Analytics	1,5	Lecture	Bachelor	Molecular Biology
MOL731	Biodiversity and Applied Microbiology	2	Lecture	Master	Molecular Microbiology
MOL744_1	Journal Club Moleculare Mikrobiology	1	Seminar	Master	Molecular Microbiology
MOL911	Molecular Biotechnology I	2	Lecture	Master	Molecular Microbiology
MOL932	Environmental Biotechnology	2	Lecture	Master	Molecular Microbiology
MOL934	Bioinformatics	2	Lecture	Master	Molecular Microbiology
MOL963	Environmental Microbiology	1,3	Seminar	Master	Molecular Microbiology
MOL964	Bioremediation	2	Lecture/Practical	Master	Molecular Microbiology
CHE762	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	University	Paper and Pulp Technology
661327	Chemistry of non-fibrous additives in papermaking (Paper Chemistry) ULG P&P	2	Lecture	University course	Paper and Pulp Technology
669284	Energy in Process Engineering	2	Lecture/Practical	University	Paper and Pulp Technology
669285	Renewable Resources - Production Technologies	2	Lecture	University	Paper and Pulp Technology
CHE182	Environmental- and Foodanalytics	1,33	Lecture	Master	Plant Sciences
CHE719	Material and Energy Balances	2	Lecture/Practical	Master	Plant Sciences
CHE770	Pharmaceutical Engineering I: Active Ingredients and Processes	3	Lecture/Practical	Master	Plant Sciences
MOL932	Environmental Biotechnology	2	Lecture	Master	Plant Sciences
MOL933	Food Biotechnology	1,3	Lecture	Master	Plant Sciences
MOL964	Bioremediation	2	Lecture/Practical	Master	Plant Sciences
PLA221	xxx	1	Lecture	Master	Plant Sciences
PHYL20	Computational Methods in Technical Physics	2	Lecture	Bachelor	Physics
PHYL30	Computational Methods in Technical Physics	2	Practical	Bachelor	Physics
303029	Economic and Ecological Technology Management	2	Lecture/Practical	Master	Production Science and Management
309013	Material Flow Systems	2	Lecture/Practical	Master	Production Science and Management
309028	Automation Technologies for Production Systems	2	Lecture	Master	Production Science and Management
313066	CAX in Automotive and Engine Technology	1	Lecture	Master	Production Science and Management
313067	CAX in Automotive and Engine Technology	2	Practical	Master	Production Science and Management
331088	Introduction to Automotive Engineering	2	Lecture	Master	Production Science and Management
333038	Vehicle Safety 1	2	Lecture	Master	Production Science and Management
335004	Process Simulation of Forming and Joining Technologies	3	Lecture/Practical	Master	Production Science and Management
336018	Production Strategies	2	Seminar	Master	Production Science and Management
336020	Management Topics in Automotive Industry	2	Seminar	Master	Production Science and Management

336032	Teambuilding	2	Seminar	Master	Production Science and Management
336040	Leadership and Motivation	2	Seminar	Master	Production Science and Management
336048	Quality Management	2	Lecture	Master	Production Science and Management
336053	Warehouse Logistics	1	Lecture	Master	Production Science and Management
336054	Warehouse Logistics	1	Practical	Master	Production Science and Management
336167	Change Management	1	Lecture	Master	Production Science and Management
336168	Change Management	1	Practical	Master	Production Science and Management
371108	Industrial Management Seminar	2	Seminar	Master	Production Science and Management
371141	Industrial Engineering 1	2	Lecture	Master	Production Science and Management
371142	Industrial Engineering 1	1	Practical	Master	Production Science and Management
371146	Product Innovation Project 1	3	Project	Master	Production Science and Management
371172	Creativity Techniques	1	Lecture	Master	Production Science and Management
371173	Creativity Techniques	1	Practical	Master	Production Science and Management
372258	Information Management	1	Lecture	Master	Production Science and Management
372259	Information Management	2	Practical	Master	Production Science and Management
373341	Marketing Management (english)	2	Lecture	Master	Production Science and Management
373342	Marketing Management (english)	1	Practical	Master	Production Science and Management
374001	Quantitative Methods for Business	2	Lecture	Master	Production Science and Management
374002	Quantitative Methods for Business	3	Practical	Master	Production Science and Management
374022	Production Planning & Control	2	Practical	Master	Production Science and Management
374023	Production Planning & Control	2	Lecture	Master	Production Science and Management
336167	Change Management	1	Lecture	Master	Software Engineering and Management
336168	Change Management	1	Practical	Master	Software Engineering and Management
371108	Industrial Management Seminar	2	Seminar	Master	Software Engineering and Management
371141	Industrial Engineering 1	2	Lecture	Master	Software Engineering and Management
371142	Industrial Engineering 1	1	Practical	Master	Software Engineering and Management
371146	Product Innovation Project 1	3	Project	Master	Software Engineering and Management
371172	Creativity Techniques	1	Lecture	Master	Software Engineering and Management
371173	Creativity Techniques	1	Practical	Master	Software Engineering and Management
371194	Implementing Innovation Strategy through Merger and Acquisition	2	Seminar	Master	Software Engineering and Management
372258	Information Management	1	Lecture	Master	Software Engineering and Management
372259	Information Management	2	Practical	Master	Software Engineering and Management

373325	Management Control Systems	3	Lecture	Master	Software Engineering and Management
374005	Business Modeling and Simulation	2	Lecture	Master	Software Engineering and Management
374006	Business Modeling and Simulation	2	Practical	Master	Software Engineering and Management
374022	Production Planning & Control	2	Practical	Master	Software Engineering and Management
374023	Production Planning & Control	2	Lecture	Master	Software Engineering and Management
442011	Adaptive Systems	2	Lecture	Master	Software Engineering and Management
442012	Adaptive Systems	1	Practical	Master	Software Engineering and Management
448056	Context-Aware Computing	2	Lecture	Master	Software Engineering and Management
448057	Context-Aware Computing	1	Practical	Master	Software Engineering and Management
IND04033U	Logic and Computability	2	Lecture	Master	Software Engineering and Management
IND04034U	Logic and Computability	1	Design practical	Master	Software Engineering and Management
705005	System-on-Chip Architectures and Modelling	3	Lecture/Practical	Master	Software Engineering and Management
705010	Advanced Computer Networks	2	Lecture	Master	Software Engineering and Management
705011	Advanced Computer Networks	1	Design practical	Master	Software Engineering and Management
705024	Security Aspects in Software Development	2	Lecture	Master	Software Engineering and Management
705025	Security Aspects in Software Development	1	Design practical	Master	Software Engineering and Management
705040	Verification and Testing	2	Lecture	Master	Software Engineering and Management
705041	Verification and Testing	1	Practical	Master	Software Engineering and Management
705052	Selected Topics IT Security 1	2	Lecture	Master	Software Engineering and Management
705053	Selected Topics IT Security 1	1	Design practical	Master	Software Engineering and Management
705058	IT Security	2	Lecture	Master	Software Engineering and Management
705059	IT Security	1	Design practical	Master	Software Engineering and Management
705062	Applied Cryptography	2	Lecture	Master	Software Engineering and Management
705063	Applied Cryptography	1	Design practical	Master	Software Engineering and Management
706041	Information Architecture and Web Usability	3	Lecture/Practical	Master	Software Engineering and Management
706048	Information Search and Retrieval	3	Lecture/Practical	Master	Software Engineering and Management
706052	Selected Topics Information Systems	3	Lecture/Practical	Master	Software Engineering and Management
706222	Game Design and Development	3	Lecture/Practical	Master	Software Engineering and Management
707003	Knowledge Discovery and Data Mining 1	2	Lecture	Master	Software Engineering and Management
707007	Network Science	3	Lecture/Practical	Master	Software Engineering and Management
707010	Web Technology	3	Lecture/Practical	Master	Software Engineering and Management
707031	Evaluation Methodology	2	Lecture/Practical	Master	Software Engineering and Management

707032	Science 2.0	2	Lecture/Practical	Master	Software Engineering and Management
708061	Autonomously Learning Systems	2	Lecture	Master	Software Engineering and Management
708062	Autonomously Learning Systems	1	Design practical	Master	Software Engineering and Management
708075	Neural Networks	2	Lecture	Master	Software Engineering and Management
708076	Neural Networks	1	Design practical	Master	Software Engineering and Management
708111	Computational Intelligence Seminar A	2	Seminar	Master	Software Engineering and Management
710002	Advanced Computer Graphics	2	Seminar	Master	Software Engineering and Management
710008	Augmented Reality	3	Lecture/Practical	Master	Software Engineering and Management
710079	Real-Time Graphics	1	Design practical	Master	Software Engineering and Management
710080	Image Processing and Pattern Recognition	2	Lecture	Master	Software Engineering and Management
710081	Image Processing and Pattern Recognition	1	Design practical	Master	Software Engineering and Management
710094	Image Understanding	2	Lecture	Master	Software Engineering and Management
710095	Image Understanding	1	Design practical	Master	Software Engineering and Management
710111	Research Seminar Virtual Reality	2	Seminar	Master	Software Engineering and Management
711009	Computer-Aided Geometric Design	3	Lecture/Practical	Master	Software Engineering and Management
716034	Mobile Robots	1	Practical	Master	Software Engineering and Management
716091	Construction of Mobile Robots	2	Project	Master	Software Engineering and Management
716095	Advanced Topics in Artificial Intelligence	2	Lecture	Master	Software Engineering and Management
716096	Advanced Topics in Artificial Intelligence	1	Practical	Master	Software Engineering and Management
716101	Software Technology, Seminar	2	Seminar	Master	Software Engineering and Management
716130	Configuration Systems	2	Lecture/Practical	Master	Software Engineering and Management
716420	Master Project in Secure and Correct Systems	1	Project	Master	Software Engineering and Management
716421	Master Project Intelligent Systems	1	Project	Master	Software Engineering and Management
INH04061U F	Systems Programming	1,5	Design practical	Bachelor	Software Development and Business Management
705027	Introduction to Information Security	1	Design practical	Bachelor	Software Development and Business Management
705028	Introduction to Information Security	2	Lecture	Bachelor	Software Development and Business Management
705060	Operating Systems	4	Lecture/Practical	Bachelor	Software Development and Business Management
707023	Software Architecture	2	Lecture	Bachelor	Software Development and Business Management

707024	Software Architecture	1	Design practical	Bachelor	Software Development and Business Management
708203	Bachelor Thesis Software Development	2	Seminar/Project	Bachelor	Software Development and Business Management
940001	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940002	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940003	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940004	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940005	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940010	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940011	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940012	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940013	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940014	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940050	English for Engineers: Perfection Level 1 (C1/1)	2	Seminar	Bachelor	Software Development and Business Management
373341	Marketing Management (english)	2	Lecture	Master	Space Sciences and Earth from Space
373342	Marketing Management (english)	1	Practical	Master	Space Sciences and Earth from Space
SES201	Introduction to Satellite Communication	2	Lecture	Master	Space Sciences and Earth from Space
SES202	Introduction to Systems of Scientific Satellites	1	Lecture	Master	Space Sciences and Earth from Space
SES210	Satellite Communications	2	Lecture	Master	Space Sciences and Earth from Space
SES211	Satellite Communications	1	Practical	Master	Space Sciences and Earth from Space
SES221	Mobile Radio Systems	2	Lecture	Master	Space Sciences and Earth from Space
SES227	Systems Engineering in Aerospace Applications	2	Lecture	Master	Space Sciences and Earth from Space
SES235	Fundamentals of Digital Communications	2	Lecture	Master	Space Sciences and Earth from Space
SES236	Fundamentals of Digital Communications	1	Practical	Master	Space Sciences and Earth from Space

440418	Satellite Communications	2	Lecture	Master	Space Sciences and Earth from Space
440419	Satellite Communications	1	Practical	Master	Space Sciences and Earth from Space
442103	Fundamentals of Digital Communications	2	Lecture	Master	Space Sciences and Earth from Space
442104	Fundamentals of Digital Communications	1	Practical	Master	Space Sciences and Earth from Space
442114	Mobile Radio Systems	2	Lecture	Master	Space Sciences and Earth from Space
SES101	Introduction to Satellite Geodesy	2	Lecture	Master	Space Sciences and Earth from Space
SES104	GGOS and Reference Systems	2	Lecture	Master	Space Sciences and Earth from Space
SES105	GGOS and Reference Systems	1	Practical	Master	Space Sciences and Earth from Space
SES114	Navigation Systems	2	Lecture/Practical	Master	Space Sciences and Earth from Space
440604	Telecommunication	3	Lecture	University course	Space Systems and Business Engineering (SpaceTech)
440607	Navigation	3	Lecture	University course	Space Systems and Business Engineering (SpaceTech)
440608	Human Spaceflight	3	Lecture	University course	Space Systems and Business Engineering (SpaceTech)
CHE515	Materials Science I - An introduction	2	Lecture	Master	Technical Chemistry
CHE511	Advanced Electrochemistry	2	Lecture	Master	Technical Chemistry
CHE513	Introduction to Solid State Chemistry	2	Lecture	Master	Technical Chemistry
CHE516	Renewable Resources - Chemistry and Technology	1,33	Lecture	Master	Technical Chemistry
CHE517	Laboratory Course Technical Chemistry I	5	Laboratory practical	Master	Technical Chemistry
CHE518	Macromolecular Materials and -technologies I	2	Lecture	Master	Technical Chemistry
CHE519	Physical Chemistry for Technical Chemists	1,33	Lecture	Master	Technical Chemistry
CHE525	Laboratory Course Technical Chemistry II	5	Laboratory practical	Master	Technical Chemistry
CHE532	Advanced Chemical Engineering	3	Lecture/Practical	Master	Technical Chemistry
CHE533	Materials and Food Technologies	1,33	Lecture	Master	Technical Chemistry
CHE558	Solid Biomass for Thermal Energy	2	Lecture	Master	Technical Chemistry
CHE561	Advanced Polymer Testing and Characterisation	2	Seminar	Master	Technical Chemistry
CHE572	Corrosion and Corrosion Protection of Metallic Materials	2	Lecture	Master	Technical Chemistry
CHE573	Electrochemical Surface Refinement	2	Lecture	Master	Technical Chemistry
CHE583	Ceramics processing	0,66	Lecture	Master	Technical Chemistry
CHE585	Solid-State Electrochemistry	2	Lecture	Master	Technical Chemistry
CHE590_1	Materials Testing and Characterisation	4	Laboratory practical	Master	Technical Chemistry
CHE600_1	Project Laboratory Renewable Resources	8	Laboratory practical	Master	Technical Chemistry
CHE601_1	Project Laboratory Macromolecular Chemistry and Technology	8	Laboratory practical	Master	Technical Chemistry
CHE603_1	Project Laboratory Inorganic Materials and Electro-chemistry	8	Laboratory practical	Master	Technical Chemistry
669281	Energy from Biomass	2	Lecture	Master	Technical Chemistry

MAS355	Microscopy and structuring of material surfaces	2	Lecture/Practical	Master	Technical Physics
PHT303	Soft Matter Physics	2	Lecture	Master	Technical Physics
PHT306	Vacuum Technology	2	Lecture	Master	Technical Physics
PHT701	Nanostructures and Nanotechnology	2	Lecture	Master	Technical Physics
513013	Polymers in Electronics	2	Laboratory practical	Master	Technical Physics
513131	Topics in Semiconductors: Organic and Hybrid Photovoltaic Materials and Devices	2	Lecture	Master	Technical Physics
513203	Chemical Fundamentals of Nanoscience	2	Lecture	Master	Technical Physics
515000	General Relativity	2	Lecture	Master	Technical Physics
515272	Plasma Physics	2	Lecture	Master	Technical Physics
515468	Theoretical Solid State Physics	2	Lecture	Master	Technical Physics
515574	MATHEMATICA for Theoretical Physics: Symbolic and Numerical Computation	4	Lecture/Practical	Master	Technical Physics
515606	Quanta and Fields	2	Lecture	Master	Technical Physics
515607	Quanta and Fields	2	Practical	Master	Technical Physics
515816	Advanced Quantum Mechanics	2	Lecture	Master	Technical Physics
515817	Advanced Quantum Mechanics	1	Practical	Master	Technical Physics
515831	Computer simulations	3	Lecture/Practical	Master	Technical Physics
519003	Scanning Electron Microscopy	2	Lecture	Master	Technical Physics
IND04033U	Logic and Computability	2	Lecture		Subject: Computer Science
IND04034U	Logic and Computability	1	Design practical		Subject: Computer Science
INH04061U	Systems Programming	1,5	Design practical		Subject: Computer Science
UNT071_1	Physics 1 for USW	1	Practical	Bachelor	Environmental System Sciences / Natural Sciences-Technology
UNT043	Advanced Chemical Engineering	3	Lecture/Practical	Bachelor	Environmental System Sciences / Natural Sciences-Technology
UNT048_1	Bachelor Seminar	1	Seminar	Bachelor	Environmental System Sciences / Natural Sciences-Technology
UNT049_1	Bachelor Thesis	0,5	Seminar	Bachelor	Environmental System Sciences / Natural Sciences-Technology
UNT245	Material Flow Systems	2	Lecture/Practical	Master	Environmental System Sciences / Natural Sciences-Technology
MOL991	Microscopy in Biotechnology	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
UNT261	Electron Microscopy in Material Science	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology

CHE558	Solid Biomass for Thermal Energy	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
CHE762	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
MOL731	Biodiversity and Applied Microbiology	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
MOL932	Environmental Biotechnology	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
MOL952	Laboratory course Environmental Biotechnology	6	Project	Master	Environmental System Sciences / Natural Sciences-Technology
MOL964	Bioremediation	2	Lecture/Practical	Master	Environmental System Sciences / Natural Sciences-Technology
669281	Energy from Biomass	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
667107	Chemical Reaction Engineering I	3	Lecture/Practical	Bachelor	Chemical and Process Engineering
371141	Industrial Engineering 1	2	Lecture	Master	Chemical and Process Engineering
371142	Industrial Engineering 1	1	Practical	Master	Chemical and Process Engineering
374001	Quantitative Methods for Business	2	Lecture	Master	Chemical and Process Engineering
374002	Quantitative Methods for Business	3	Practical	Master	Chemical and Process Engineering
374005	Business Modeling and Simulation	2	Lecture	Master	Chemical and Process Engineering
374006	Business Modeling and Simulation	2	Practical	Master	Chemical and Process Engineering
CHE558	Solid Biomass for Thermal Energy	2	Lecture	Master	Chemical and Process Engineering
CHE753	Particle Technology II	3	Lecture/Practical	Master	Chemical and Process Engineering
CHE762	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	Master	Chemical and Process Engineering
CHE770	Pharmaceutical Engineering I: Active Ingredients and Processes	3	Lecture/Practical	Master	Chemical and Process Engineering
MOL962	Quality Assurance in Pharmaceutical, Food and Biotechnological	2	Lecture	Master	Chemical and Process Engineering
645904	Basics of Applied Analytical Chemistry	3	Lecture/Practical	Master	Chemical and Process Engineering
661200	Plant Design Practice (Paper & Pulp)	2	Design practical	Master	Chemical and Process Engineering
661218	Chemical additives in papermaking	2	Lecture	Master	Chemical and Process Engineering
667201	Process intensification and hybrid processes	2	Lecture	Master	Chemical and Process Engineering
667202	Process intensification and hybrid processes	1	Practical	Master	Chemical and Process Engineering

667213	Laboratory Thermal Unit Operations II	2	Laboratory practical	Master	Chemical and Process Engineering
667252	Chemical Reaction Engineering, Laboratory	2	Laboratory practical	Master	Chemical and Process Engineering
669210	Labor Partikelverfahrenstechnik II	2	Laboratory practical	Master	Chemical and Process Engineering
669280	Ecological Process Evaluation	2	Lecture/Practical	Master	Chemical and Process Engineering
669281	Energy from Biomass	2	Lecture	Master	Chemical and Process Engineering
669284	Energy in Process Engineering	2	Lecture/Practical	Master	Chemical and Process Engineering
669285	Renewable Resources - Production Technologies	2	Lecture	Master	Chemical and Process Engineering
GEO708	Engineering Geological Investigations	2	Lecture	Master	Construction Management - Civil Engineering
202463	Finite Element Method	2	Lecture/Practical	Master	Construction Management - Civil Engineering
209107	Modelling of Networks	3	Lecture/Practical	Master	Construction Management - Civil Engineering
213411	Hydraulics 1	1	Lecture	Master	Construction Management - Civil Engineering
213413	Hydraulics 1	1,5	Seminar	Master	Construction Management - Civil Engineering
217452	Soil Mechanics and Foundation Engineering	2,5	Lecture/Practical	Master	Construction Management - Civil Engineering
218480	Economic English for Civil Engineering	2	Lecture/Practical	Master	Construction Management - Civil Engineering
220102	Rock Mechanics and Tunnelling	2,5	Lecture	Master	Construction Management - Civil Engineering
221410	Petrology	1	Lecture	Master	Construction Management - Civil Engineering
221430	Fundamentals of Grouting	2	Lecture	Master	Construction Management - Civil Engineering
371170	Creativity Techniques	1	Lecture	Master	Construction Management - Civil Engineering
371171	Creativity Techniques	1	Practical	Master	Construction Management - Civil Engineering
373325	Management Control Systems	3	Lecture	Master	Construction Management - Civil Engineering
374005	Business Modeling and Simulation	2	Lecture	Master	Construction Management - Civil Engineering
374006	Business Modeling and Simulation	2	Practical	Master	Construction Management - Civil Engineering
520316	Geotechnical Monitoring	3	Lecture/Practical	Master	Construction Management - Civil Engineering
MAS250	Joining Technology	2	Lecture	Master	Mechanical Engineering and Business
303029	Economic and Ecological Technology Management	2	Lecture/Practical	Master	Mechanical Engineering and Business
303106	Selection of Engineering Materials	2	Lecture	Master	Mechanical Engineering and Business
309028	Automation Technologies for Production Systems	2	Lecture	Master	Mechanical Engineering and Business
313066	CAX in Automotive and Engine Technology	1	Lecture	Master	Mechanical Engineering and Business
313067	CAX in Automotive and Engine Technology	2	Practical	Master	Mechanical Engineering and Business
319082	Computational Fluid Dynamics	2	Lecture	Master	Mechanical Engineering and Business
319083	Computational Fluid Dynamics	1	Practical	Master	Mechanical Engineering and Business
333038	Vehicle Safety 1	2	Lecture	Master	Mechanical Engineering and Business
336048	Quality Management	2	Lecture	Master	Mechanical Engineering and Business

336167	Change Management	1	Lecture	Master	Mechanical Engineering and Business
336168	Change Management	1	Practical	Master	Mechanical Engineering and Business
371108	Industrial Management Seminar	2	Seminar	Master	Mechanical Engineering and Business
371109	Value Management I	1	Lecture	Master	Mechanical Engineering and Business
371141	Industrial Engineering 1	2	Lecture	Master	Mechanical Engineering and Business
371142	Industrial Engineering 1	1	Practical	Master	Mechanical Engineering and Business
371146	Product Innovation Project 1	3	Project	Master	Mechanical Engineering and Business
371172	Creativity Techniques	1	Lecture	Master	Mechanical Engineering and Business
371173	Creativity Techniques	1	Practical	Master	Mechanical Engineering and Business
372228	Ausgewahlte Kapitel aus Unternehmungsfuehrung	2	Lecture	Master	Mechanical Engineering and Business
372229	Ausgewahlte Kapitel aus Unternehmungsfuehrung	1	Practical	Master	Mechanical Engineering and Business
372258	Information Management	1	Lecture	Master	Mechanical Engineering and Business
372259	Information Management	2	Practical	Master	Mechanical Engineering and Business
373341	Marketing Management (english)	2	Lecture	Master	Mechanical Engineering and Business
373342	Marketing Management (english)	1	Practical	Master	Mechanical Engineering and Business
374001	Quantitative Methods for Business	2	Lecture	Master	Mechanical Engineering and Business
374002	Quantitative Methods for Business	3	Practical	Master	Mechanical Engineering and Business
374005	Business Modeling and Simulation	2	Lecture	Master	Mechanical Engineering and Business
374006	Business Modeling and Simulation	2	Practical	Master	Mechanical Engineering and Business
374022	Production Planning & Control	2	Practical	Master	Mechanical Engineering and Business
374023	Production Planning & Control	2	Lecture	Master	Mechanical Engineering and Business
MAS270	Electron Microscopy in Materials Science	2	Lecture	Master	Mechanical Engineering and Business
519007	Electron Microscopy in Materials Science	2	Lecture	Master	Mechanical Engineering and Business
CHE762	Safety and Environmental Aspects in Chemical Process Engineering	2	Lecture	Master	Mechanical Engineering and Business

Summer Semester 2016-2017						
Code	Title	SST	Typ of class	Level	Study area	
MAS120	Modelling and Simulation for Advanced Materials Science	2	Lecture/Practical	Master	Advanced Materials Science	
MAS190_0	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS210	Plasticity and Forming Processes	2,66	Lecture	Master	Advanced Materials Science	
MAS240	High-performance Materials and Composites	2,66	Lecture	Master	Advanced Materials Science	
MAS295	Topics in Metals and Ceramics	2	Lecture	Master	Advanced Materials Science	
MAS390	Topics in Semiconductor Processing and Nanotechnology	2	Lecture	Master	Advanced Materials Science	
MAS490	Topis in Biobased Materials	2	Lecture	Master	Advanced Materials Science	
MAS360	IC Design Project Management and Quality	1	Lecture	Master	Advanced Materials Science	
439214	IC Design Project Management and Quality	1	Lecture	Master	Advanced Materials Science	
MAS190_1	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS190_2	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS190_3	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS190_4	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS190_5	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS220	Functional Materials I	2	Lecture	Master	Advanced Materials Science	
MAS230	Functional Materials II	0,66	Lecture	Master	Advanced Materials Science	
MAS320	Modelling and Simulation of Semiconductors	2	Lecture/Practical	Master	Advanced Materials Science	
MAS365	Structure Characterization by High Resolution Electron Microscopy	2	Lecture	Master	Advanced Materials Science	
MAS370	X-Ray Physics	2	Lecture	Master	Advanced Materials Science	
MAS460	Microscopy of Polymers	2	Lecture	Master	Advanced Materials Science	
PHT305	Surface Chemistry	2	Lecture	Master	Advanced Materials Science	
PHT703	Structurally Complex Materials	2	Lecture	Master	Advanced Materials Science	
PHT705	Biological and Biobased Materials	2	Lecture	Master	Advanced Materials Science	
PHT901	Microelectronics and Micromechanics	2	Lecture	Master	Advanced Materials Science	
519014	Structure Characterization by High Resolution Electron Microscopy	2	Lecture	Master	Advanced Materials Science	
519313	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
CHE578	Solid State Spectroscopy	2	Lecture	Master	Advanced Materials Science	
CHE586	Structure and Matter - Scattering Methods	2	Lecture	Master	Advanced Materials Science	
MAS140	Materials Laboratory	4	Laboratory practical	Master	Advanced Materials Science	
MAS190_6	Project Laboratory	8	Laboratory practical	Master	Advanced Materials Science	
MAS265	Project Laboratory Metals and Ceramics	2	Lecture	Master	Advanced Materials Science	
MAS455	Computational Biomechanics	4	Lecture/Practical	Master	Advanced Materials Science	
155508	Design of Specialised Topics	3	Practical	Bachelor	Architecture	
155514	Workshop 2	2	Seminar	Bachelor	Architecture	
155546	Artistic Design 1	2	Seminar	Bachelor	Architecture	
161514	Workshop 2: Morphogenetic Computational Geometry v.2	2	Seminar	Bachelor	Architecture	

161547	Digital methods of presentation	2	Practical	Bachelor	Architecture
140801	Big Scale - high and wide-spanning supporting structures	2	Seminar	Master	Architecture
143701	Integral Design Studio 1	7	Practical	Master	Architecture
143702	Integral Design Studio 2	7	Practical	Master	Architecture
143703	Integral Design Studio 3	7	Practical	Master	Architecture
143777	Integral Design Studio	7	Practical	Master	Architecture
145803	AK Urban development 2	2	Seminar	Master	Architecture
145805	Contemporary urban processes	2	Lecture	Master	Architecture
145806	Theory of the city	2	Lecture	Master	Architecture
145812	"Digital city"	2	Seminar	Master	Architecture
147801	AK Housing construction	4	Seminar	Master	Architecture
149701	Integral Design Studio 1	7	Practical	Master	Architecture
149702	Integral Design Studio 2	7	Practical	Master	Architecture
149703	Integral Design Studio 3	7	Practical	Master	Architecture
149777	Integral Design Studio	7	Practical	Master	Architecture
153801	Critical regionalism	2	Lecture	Master	Architecture
153805	LandLab: CASE	4	Practical	Master	Architecture
153807	Future Lab	2	Seminar	Master	Architecture
155801	Artistic interventions in the public space	4	Seminar	Master	Architecture
155803	Laboratory for Visual Practice	2	Practical	Master	Architecture
155804	art and public	2	Seminar	Master	Architecture
159701	Integral Design Studio 1	7	Practical	Master	Architecture
159702	Integral Design Studio 2	7	Practical	Master	Architecture
159703	Integral Design Studio 3	7	Practical	Master	Architecture
159777	Integral Design Studio	7	Practical	Master	Architecture
159801	Energy design	4	Seminar	Master	Architecture
159803	Urban design and energy	2	Seminar	Master	Architecture
159804	Advanced architectural science	2	Seminar	Master	Architecture
161701	Integral Design Studio 1	7	Practical	Master	Architecture
161702	Integral Design Studio 2	7	Practical	Master	Architecture
161703	Integral Design Studio 3	7	Practical	Master	Architecture
161777	Integral Design Studio	7	Practical	Master	Architecture
209213	Transport Modelling	4	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
213412	Hydraulic Engineering	2,5	Lecture/Practical	Master	Civil Engineering Sciences - Infrastructure
215472	Asset Management of Urban Water Infrastructure	2	Lecture	Master	Civil Engineering Sciences - Infrastructure
371170	Creativity Techniques	1	Lecture	Master	Civil Engineering Sciences - Infrastructure
371171	Creativity Techniques	1	Practical	Master	Civil Engineering Sciences - Infrastructure

202455	Structural Dynamics and Earthquakes 2	2	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
202462	Boundary Element Methods	2	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
202556	Finite Element Method - Advanced course	2	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
205500	Project	4	Project	Master	Civil Engineering Sciences and Structural Engineering
206456	Environmental assessment of construction materials	2	Seminar	Master	Civil Engineering Sciences and Structural Engineering
221501	Project	4	Seminar/Project	Master	Civil Engineering Sciences and Structural Engineering
261452	Theory of Materials	2	Lecture/Practical	Master	Civil Engineering Sciences and Structural Engineering
261500	Project	4	Project	Master	Civil Engineering Sciences and Structural Engineering
206264	Sustainable Construction	1	Lecture	Bachelor	Civil Engineering Sciences with Economics
220363	Bachelor-Project	4	Seminar/Project	Bachelor	Civil Engineering Sciences with Economics
221363	Project	4	Seminar/Project	Bachelor	Civil Engineering Sciences with Economics
MOL851	Special Topics in Biochemistry	1	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL876	Fluorescence technology	2	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL877	Fluorescence technology	1,5	Laboratory practical	Master	Biochemistry and Molecular Biomedical Sciences
MOL880	Molecular enzymology	2	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
MOL888	Applied Enzymology	1,3	Seminar	Master	Biochemistry and Molecular Biomedical Sciences
MOL923	Laboratory Course Bioinformatics	2	Practical	Master	Biochemistry and Molecular Biomedical Sciences
MOL973	Molecular Biology and Cell Engineering	1,3	Lecture	Master	Biochemistry and Molecular Biomedical Sciences
442074	Computational Intelligence	1	Practical	Bachelor	Biomedical Engineering
708561	Computational Intelligence	2	Lecture	Bachelor	Biomedical Engineering
719009	Introduction of Biomechanics	3	Lecture/Practical	Bachelor	Biomedical Engineering
719010	Bachelorproject Biomedical Engineering	1	Seminar/Project	Bachelor	Biomedical Engineering
261452	Theory of Materials	2	Lecture/Practical	Master	Biomedical Engineering
373311	Encyclopedia Business Economics	3	Lecture	Master	Biomedical Engineering
373312	Encyclopedia Business Economics	2	Practical	Master	Biomedical Engineering
439201	Practical Analog Circuit Design	2	Practical	Master	Biomedical Engineering
439217	Practical Analog Circuit Design, Laboratory	1	Laboratory practical	Master	Biomedical Engineering
442021	Nonlinear Signal Processing	2	Lecture	Master	Biomedical Engineering
442022	Nonlinear Signal Processing	1	Practical	Master	Biomedical Engineering
443017	Control of Medical Instrumentation	2	Lecture/Practical	Master	Biomedical Engineering

448062	Sensor Networks	2	Lecture/Practical	Master	Biomedical Engineering
MAT527	Financial management	2	Lecture	Master	Biomedical Engineering
PHT705	Biological and Biobased Materials	2	Lecture	Master	Biomedical Engineering
504006	Technical Numerics 2	2	Lecture	Master	Biomedical Engineering
504007	Technical Numerics 2	1	Practical	Master	Biomedical Engineering
MAS455	Computational Biomechanics	4	Lecture/Practical	Master	Biomedical Engineering
708085	Principles of Brain Computation	2	Lecture	Master	Biomedical Engineering
708086	Principles of Brain Computation	1	Design practical	Master	Biomedical Engineering
708112	Computational Intelligence Seminar B	2	Seminar	Master	Biomedical Engineering
709028	Non-Invasive Brain-Computer Interfaces	2	Design practical	Master	Biomedical Engineering
718012	Biomedical Sensor Systems 2	1,5	Lecture/Practical	Master	Biomedical Engineering
718018	Cellular Electrophysiology and Models, Laboratory	1	Laboratory practical	Master	Biomedical Engineering
718019	Biomedical Sensor Systems, Laboratory	2	Laboratory practical	Master	Biomedical Engineering
719012	Master Seminar	1	Seminar/Project	Master	Biomedical Engineering
MOL880	Molecular enzymology	2	Lecture	Master	Biotechnology
MOL888	Applied Enzymology	1,3	Seminar	Master	Biotechnology
MOL912	Laboratory Course Molecular Biotechnology	5	Laboratory practical	Master	Biotechnology
MOL921	Molecular Biotechnology II	2	Lecture	Master	Biotechnology
MOL923	Laboratory Course Bioinformatics	2	Practical	Master	Biotechnology
MOL924	Bioprocess Technology II	2	Lecture	Master	Biotechnology
MOL925	Laboratory Course Bioprocess Technology	5	Laboratory practical	Master	Biotechnology
MOL943_1	Advanced Seminar for Master's Thesis in Biotechnology	2	Seminar	Master	Biotechnology
MOL947	Systems Biology	2	Seminar	Master	Biotechnology
MOL950_1	Laboratory Project Biotechnology	9	Laboratory practical	Master	Biotechnology
MOL960	Sensory Analysis of biotechnologically produced food	2	Lecture/Practical	Master	Biotechnology
MOL973	Molecular Biology and Cell Engineering	1,3	Lecture	Master	Biotechnology
MOL974	Metabolic Engineering	1,3	Lecture	Master	Biotechnology
MOL977	Plant Biotechnology	0,7	Lecture	Master	Biotechnology
MOL979	Sustainable Process Technology	2	Lecture	Master	Biotechnology
MOL981	Computational Biotechnology	2	Lecture/Practical	Master	Biotechnology
MOL982	Protein Technology	2	Lecture	Master	Biotechnology
MOL985	Bioprocess Optimization and Process Control	2	Lecture	Master	Biotechnology
MOL993	Bioprocess Design	2	Lecture/Practical	Master	Biotechnology
CHE862	Business Economics	3	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE863	Business Economics	2	Practical	Master	Chemical and Pharmaceutical Engineering
CHE523	Material Science II - Characterisation and Testing	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE527	Materials and Materials Technologies II	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE559	Advanced Polymer Characterisation	2	Lecture	Master	Chemical and Pharmaceutical Engineering

CHE574	Electrosynthesis in Industry and Laboratory	2,66	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE801	Mass and Energy Balances	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE804	Chemical Thermodynamics I	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE805	Chemical Thermodynamics I	1	Practical	Master	Chemical and Pharmaceutical Engineering
CHE807	Mass Transfer Unit Operations	3	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE808	Mass Transfer Unit Operations	2	Practical	Master	Chemical and Pharmaceutical Engineering
CHE809	Particle Technology I	3	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE810	Particle Technology I	2	Practical	Master	Chemical and Pharmaceutical Engineering
CHE811	Chemical Reaction Engineering Laboratory	1	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE812	Mass Transfer Unit Operations Laboratory	1	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE813	Particle Technology Laboratory I	1	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE823	Chemical Reaction Engineering II	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE824	Introduction into Process Simulation and Process Design	1	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE831	Pharmaceutical Engineering II	3	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE853	Advanced Chemical Reaction Engineering	3	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE857	Systems Dynamic and Basics of Process Technology	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE870	Pharmaceutical Process Control and Process Analysis	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE871	Project PE	4	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE874	Pharmaceutical Multiphase Reactors	2	Lecture/Practical	Master	Chemical and Pharmaceutical Engineering
CHE878	Pharmaceutical Nanotechnology	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE879	Selected Aspects of Pharmaceutical Technologies and their Biopharmaceutical Relevance	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE882	Continuous Process Engineering	2	Lecture	Master	Chemical and Pharmaceutical Engineering
CHE883	Laboratory Course Special Pharmaceutical Ingredients and Fine Chemicals (The lecture is offered every two years)	3	Laboratory practical	Master	Chemical and Pharmaceutical Engineering
CHE147	Biochemistry I	3,75	Lecture	Bachelor	Chemistry
CHE177	Biotechnology - Laboratory Course	6	Laboratory practical	Bachelor	Chemistry
CHE178	Biotechnology - Seminar	2	Seminar	Bachelor	Chemistry
CHE351	Modern experimental kinetic methods	1,33	Lecture	Master	Chemistry
CHE355	Organometallic Polymers, Materials and Nanoparticals	1,33	Lecture	Master	Chemistry
CHE357	Photochemistry	1,33	Lecture	Master	Chemistry
CHE363	Structure and Matter II - Scattering Methods	2	Lecture	Master	Chemistry
SES220	Wireless Communication Networks and Protocols	2	Lecture	Master	Computer Science
440406	Wireless Communication Networks and Protocols	1	Lecture	Master	Computer Science
442015	Spoken language in human and human-computer dialogue	2	Lecture/Practical	Master	Computer Science
442021	Nonlinear Signal Processing	2	Lecture	Master	Computer Science
442022	Nonlinear Signal Processing	1	Practical	Master	Computer Science
442032	Speech Communication 2	2	Lecture	Master	Computer Science

442033	Speech Communication Laboratory	2	Laboratory practical	Master	Computer Science
448030	Fault-Tolerant Computing Systems	2	Lecture	Master	Computer Science
448031	Fault-Tolerant Computing Systems	1	Practical	Master	Computer Science
448034	Signal Processors	2	Lecture	Master	Computer Science
448044	Embedded Systems	2	Lecture	Master	Computer Science
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Computer Science
448050	Hardware-Software-Codesign	2	Lecture	Master	Computer Science
448051	Hardware-Software-Codesign	1	Practical	Master	Computer Science
448061	Location-Aware Computing, Laboratory	1	Laboratory practical	Master	Computer Science
448072	Mobile Computing, Seminar	3	Seminar	Master	Computer Science
503737	Discrete Stochastics and Information Theory (Computer Science)	3	Lecture	Master	Computer Science
503738	Discrete Stochastics and Information Theory	1	Practical	Master	Computer Science
504006	Technical Numerics 2	2	Lecture	Master	Computer Science
504007	Technical Numerics 2	1	Practical	Master	Computer Science
705044	Digital System Design	2	Lecture	Master	Computer Science
705045	Digital System Design	1	Design practical	Master	Computer Science
705046	Embedded Security	3	Lecture/Practical	Master	Computer Science
705051	Selected Topics IT Security 2	2	Seminar	Master	Computer Science
705052	Selected Topics IT Security 1	2	Lecture	Master	Computer Science
705053	Selected Topics IT Security 1	1	Design practical	Master	Computer Science
705064	Applied Cryptography 2	2	Lecture	Master	Computer Science
705065	Applied Cryptography 2	1	Design practical	Master	Computer Science
706045	Structured Data-Management - Advanced Topics	3	Lecture/Practical	Master	Computer Science
706046	Human-Computer Interaction (Selected Topics): Applying User-Centered Design	3	Lecture/Practical	Master	Computer Science
706054	Social Media Technologies	2	Lecture/Practical	Master	Computer Science
706055	Mobile Applications	3	Lecture/Practical	Master	Computer Science
706057	Information Visualisation	3	Lecture/Practical	Master	Computer Science
707004	Knowledge Discovery and Data Mining 2	3	Lecture/Practical	Master	Computer Science
708085	Principles of Brain Computation	2	Lecture	Master	Computer Science
708086	Principles of Brain Computation	1	Design practical	Master	Computer Science
708112	Computational Intelligence Seminar B	2	Seminar	Master	Computer Science
708117	Diploma Seminar	3	Seminar	Master	Computer Science
708424	Computational Intelligence Project	1	Project	Master	Computer Science
710001	Advanced Computer Vision	2	Seminar	Master	Computer Science
710035	Convex Optimization	3	Lecture/Practical	Master	Computer Science
710076	Medical Image Analysis	2	Lecture	Master	Computer Science
710077	Medical Image Analysis	1	Design practical	Master	Computer Science

710088	Robot Vision	2	Lecture	Master	Computer Science
710089	Robot Vision	1	Design practical	Master	Computer Science
710092	Real-Time Graphics 2	1	Lecture	Master	Computer Science
710093	Real-Time Graphics 2	2	Design practical	Master	Computer Science
710100	Mathematical Principles in Vision and Graphics	3	Lecture/Practical	Master	Computer Science
710111	Research Seminar Virtual Reality	2	Seminar	Master	Computer Science
711014	Simulation and Animation	3	Lecture/Practical	Master	Computer Science
711027	3D Object Retrieval	3	Lecture/Practical	Master	Computer Science
716018	Expert Systems	2	Lecture	Master	Computer Science
716019	Expert Systems	1	Design practical	Master	Computer Science
716035	Enumerative Combinatoric Algorithms	2	Lecture/Practical	Master	Computer Science
716054	Problem Analysis and Complexity Theory	3	Lecture/Practical	Master	Computer Science
716055	Modelling Technical Systems	2	Lecture	Master	Computer Science
716056	Modelling Technical Systems	1	Practical	Master	Computer Science
716072	Software Technology	3	Lecture/Practical	Master	Computer Science
716076	Compiler Construction	2	Lecture	Master	Computer Science
716077	Compiler Construction	1	Design practical	Master	Computer Science
716080	Selected Topics Software Technology 4	2	Lecture	Master	Computer Science
716081	Selected Topics Software Technology 4	1	Practical	Master	Computer Science
716082	Selected Topics Software Technology 2	2	Lecture	Master	Computer Science
716083	Selected Topics Software Technology 2	1	Practical	Master	Computer Science
716084	Recommender Systems	2	Lecture/Practical	Master	Computer Science
716093	Advanced Robotics	2	Lecture	Master	Computer Science
716094	Advanced Robotics	1	Laboratory practical	Master	Computer Science
716100	Mobile Applications	3	Lecture/Practical	Master	Computer Science
716102	Software Technology Tools	2	Seminar	Master	Computer Science
716108	Project Robotics	1	Project	Master	Computer Science
716117	Diploma Seminar	3	Seminar	Master	Computer Science
716216	Software Technology Project	1	Project	Master	Computer Science
SES219	Communication Networks	2	Lecture	Bachelor	Electrical Engineering
431013	Bachelor Project (Thesis)	4	Seminar/Project	Bachelor	Electrical Engineering
433133	Seminar and Project on Electrical /Information Technology Engineering	4	Seminar/Project	Bachelor	Electrical Engineering
437257	Electrodynamics	3	Lecture	Bachelor	Electrical Engineering
439084	Circuit Simulation	1	Lecture	Bachelor	Electrical Engineering
439086	Circuit Simulation	2	Practical	Bachelor	Electrical Engineering
440307	Communication Networks	2	Lecture	Bachelor	Electrical Engineering
443080	Process Automation	2	Lecture	Bachelor	Electrical Engineering
443081	Process Automation, Laboratory	2	Laboratory practical	Bachelor	Electrical Engineering

443103	Basics of Nonlinear Control Systems	2	Lecture	Bachelor	Electrical Engineering
443104	Basics of Nonlinear Control Systems	1	Practical	Bachelor	Electrical Engineering
448002	Technical Informatics 1	1	Practical	Bachelor	Electrical Engineering
374016	Business Informatics	1	Lecture	Master	Electrical Engineering
374017	Business Informatics	2	Practical	Master	Electrical Engineering
MAS360	IC Design Project Management and Quality	1	Lecture	Master	Electrical Engineering
SES212	Satellite Communications, Seminar	2	Seminar	Master	Electrical Engineering
434373	Energy and Environment	2	Lecture	Master	Electrical Engineering
434402	Innovative Energy Technologies and Energy Efficiency	2	Lecture	Master	Electrical Engineering
434403	Innovative Energy Technologies and Energy Efficiency	1	Practical	Master	Electrical Engineering
434407	Applied Energy Planning	2	Lecture/Practical	Master	Electrical Engineering
438086	Statistical Signal Processing	2	Lecture	Master	Electrical Engineering
438086	Statistical Signal Processing	2	Lecture	Master	Electrical Engineering
438087	Statistical Signal Processing	1	Practical	Master	Electrical Engineering
439012	Analog Circuit Laboratory	3	Laboratory practical	Master	Electrical Engineering
439068	Evaluation of ICs Laboratory	3	Laboratory practical	Master	Electrical Engineering
439201	Practical Analog Circuit Design	2	Practical	Master	Electrical Engineering
439208	Analog IC Design 2	2	Lecture	Master	Electrical Engineering
439209	Analog IC Design 2	2	Practical	Master	Electrical Engineering
439210	Electromagnetic Compatibility of ICs	1	Lecture	Master	Electrical Engineering
439211	Analog IC Layout 1	2	Practical	Master	Electrical Engineering
439213	Production Test and Design for Test	2	Lecture	Master	Electrical Engineering
439214	IC Design Project Management and Quality	1	Lecture	Master	Electrical Engineering
439215	Noise and Crosstalk in ICs	2	Lecture/Practical	Master	Electrical Engineering
439216	Compact Modelling and Robust IC Design	1	Lecture/Practical	Master	Electrical Engineering
439217	Practical Analog Circuit Design, Laboratory	1	Laboratory practical	Master	Electrical Engineering
439225	Advanced Analog IC Design 2	3	Lecture/Practical	Master	Electrical Engineering
440406	Wireless Communication Networks and Protocols	1	Lecture	Master	Electrical Engineering
440417	RFID systems	2	Lecture	Master	Electrical Engineering
440505	Satellite Communications, Seminar	2	Seminar	Master	Electrical Engineering
442021	Nonlinear Signal Processing	2	Lecture	Master	Electrical Engineering
442022	Nonlinear Signal Processing	1	Practical	Master	Electrical Engineering
442042	Advanced Signal Processing 2, Seminar	2	Seminar	Master	Electrical Engineering
442089	Master-Project	4	Project	Master	Electrical Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Master	Electrical Engineering
448030	Fault-Tolerant Computing Systems	2	Lecture	Master	Electrical Engineering
448031	Fault-Tolerant Computing Systems	1	Practical	Master	Electrical Engineering
448034	Signal Processors	2	Lecture	Master	Electrical Engineering

448044	Embedded Systems	2	Lecture	Master	Electrical Engineering
448044	Embedded Systems	2	Lecture	Master	Electrical Engineering
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Electrical Engineering
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Electrical Engineering
448050	Hardware-Software-Codesign	2	Lecture	Master	Electrical Engineering
448051	Hardware-Software-Codesign	1	Practical	Master	Electrical Engineering
448061	Location-Aware Computing, Laboratory	1	Laboratory practical	Master	Electrical Engineering
448072	Mobile Computing, Seminar	3	Seminar	Master	Electrical Engineering
451249	Smart Antennas	2	Lecture/Practical	Master	Electrical Engineering
437257	Electrodynamics	3	Lecture	Bachelor	Electrical Engineering and Audio Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Bachelor	Electrical Engineering and Audio Engineering
442185	Audio Signal Processing, Seminar	3	Seminar	Bachelor	Electrical Engineering and Audio Engineering
442186	Speech Processing, Seminar	3	Seminar	Bachelor	Electrical Engineering and Audio Engineering
448002	Technical Informatics 1	1	Practical	Bachelor	Electrical Engineering and Audio Engineering
SES219	Communication Networks	2	Lecture	Master	Electrical Engineering and Audio Engineering
438086	Statistical Signal Processing	2	Lecture	Master	Electrical Engineering and Audio Engineering
438087	Statistical Signal Processing	1	Practical	Master	Electrical Engineering and Audio Engineering
439012	Analog Circuit Laboratory	3	Laboratory practical	Master	Electrical Engineering and Audio Engineering
440307	Communication Networks	2	Lecture	Master	Electrical Engineering and Audio Engineering
442015	Spoken language in human and human-computer dialogue	2	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
442021	Nonlinear Signal Processing	2	Lecture	Master	Electrical Engineering and Audio Engineering
442022	Nonlinear Signal Processing	1	Practical	Master	Electrical Engineering and Audio Engineering
442032	Speech Communication 2	2	Lecture	Master	Electrical Engineering and Audio Engineering
442033	Speech Communication Laboratory	2	Laboratory practical	Master	Electrical Engineering and Audio Engineering
442042	Advanced Signal Processing 2, Seminar	2	Seminar	Master	Electrical Engineering and Audio Engineering
442061	Digital Audio Engineering 2	2	Lecture	Master	Electrical Engineering and Audio Engineering
448034	Signal Processors	2	Lecture	Master	Electrical Engineering and Audio Engineering
448044	Embedded Systems	2	Lecture	Master	Electrical Engineering and Audio Engineering
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Electrical Engineering and Audio Engineering
448050	Hardware-Software-Codesign	2	Lecture	Master	Electrical Engineering and Audio Engineering
448051	Hardware-Software-Codesign	1	Practical	Master	Electrical Engineering and Audio Engineering
706004	Databases 1	2	Lecture/Practical	Master	Electrical Engineering and Audio Engineering
374001	Quantitative Methods for Business	2	Lecture	Master	Electrical Engineering and Business
374002	Quantitative Methods for Business	3	Practical	Master	Electrical Engineering and Business
374016	Business Informatics	1	Lecture	Master	Electrical Engineering and Business
374017	Business Informatics	2	Practical	Master	Electrical Engineering and Business
MAS360	IC Design Project Management and Quality	1	Lecture	Master	Electrical Engineering and Business
434373	Energy and Environment	2	Lecture	Master	Electrical Engineering and Business

434402	Innovative Energy Technologies and Energy Efficiency	2	Lecture	Master	Electrical Engineering and Business
434403	Innovative Energy Technologies and Energy Efficiency	1	Practical	Master	Electrical Engineering and Business
439012	Analog Circuit Laboratory	3	Laboratory practical	Master	Electrical Engineering and Business
439214	IC Design Project Management and Quality	1	Lecture	Master	Electrical Engineering and Business
448034	Signal Processors	2	Lecture	Master	Electrical Engineering and Business
448044	Embedded Systems	2	Lecture	Master	Electrical Engineering and Business
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Electrical Engineering and Business
448050	Hardware-Software-Codesign	2	Lecture	Master	Electrical Engineering and Business
448051	Hardware-Software-Codesign	1	Practical	Master	Electrical Engineering and Business
GEO620	Project Work to the Bachelor's Thesis	4	Project	Bachelor	Earth Sciences
GEO801	Geomorphology and Geology of the Quaternary	1,5	Lecture/Practical	Master	Earth Sciences
GEO803	Sedimentary Petrology	2	Lecture/Practical	Master	Earth Sciences
GEO821	Engineering Geological Mapping	3	Excursion	Master	Earth Sciences
GEO840	Rock Mass Characterization	2	Lecture	Master	Earth Sciences
GEO841	Engineering Geological Field Excursion	4	Excursion	Master	Earth Sciences
GEO850_1	Field Workshops and Excursions in Austria or Foreign Countries	3	Excursion	Master	Earth Sciences
GEO881	Hydrogeochemistry - practical field course	2	Excursion	Master	Earth Sciences
GEO885	Water analysis and characterization	2	Lecture/Practical	Master	Earth Sciences
GEO891	Rock Mechanics and Tunnelling	2	Lecture	Master	Earth Sciences
GEO893	Rock Mechanics Laboratory	0,5	Lecture	Master	Earth Sciences
GEO894	Rock Mechanics Laboratory	2	Practical	Master	Earth Sciences
GEO895	Fundamentals of Soil Mechanics	2	Lecture	Master	Earth Sciences
GEO896	Soil Mechanics laboratory course	0,5	Lecture	Master	Earth Sciences
GEO897	Soil Mechanics laboratory course	1	Practical	Master	Earth Sciences
522441	Time Series Analysis and Filtering	2	Lecture	Master	Geomatics Science
522441	Time Series Analysis and Filtering	2	Lecture	Master	Geomatics Science
522442	Time Series Analysis and Filtering	2	Practical	Master	Geomatics Science
522442	Time Series Analysis and Filtering	2	Practical	Master	Geomatics Science
522443	Advanced Satellite Geodesy	2	Lecture	Master	Geomatics Science
522444	Advanced Satellite Geodesy	2	Practical	Master	Geomatics Science
522445	Advanced Geosoftware Applications	2	Lecture/Practical	Master	Geomatics Science
522445	Advanced Geosoftware Applications	2	Lecture/Practical	Master	Geomatics Science
522446	Gravity Field Modelling	3	Lecture/Practical	Master	Geomatics Science
202455	Structural Dynamics and Earthquakes 2	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
202462	Boundary Element Methods	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213412	Hydraulic Engineering	2,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213420	Field Excursion Hydraulic Engineering	1,5	Excursion	Master	Geotechnical and Hydraulic Engineering
213422	River and Sediment Hydraulics	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering

213424	Testing Technology and Laboratory Tutorial in Hydraulics	3	Laboratory practical	Master	Geotechnical and Hydraulic Engineering
213430	Approval Procedures	2	Lecture	Master	Geotechnical and Hydraulic Engineering
213432	Design of Hydraulic Steel Structures	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
213501	Master Project Hydraulic Engineering	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
217450	Advanced Soil Mechanics and Foundation Engineering	6	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
217490	Field Excursion Soil Mechanics	1,5	Excursion	Master	Geotechnical and Hydraulic Engineering
217501	Master Project Soil Mechanics	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
220124	Advanced Rock Mechanics and Tunnelling 1	4	Seminar	Master	Geotechnical and Hydraulic Engineering
220126	Advanced Rock Mechanics and Tunnelling 2	3	Seminar	Master	Geotechnical and Hydraulic Engineering
220501	Master Project Rock Mechanics	4	Seminar/Project	Master	Geotechnical and Hydraulic Engineering
221420	Geotechnical Earthquake Engineering	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
221421	Geomorphology and Geology of the Quaternary	1,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
221424	Engineering Geological Field Excursion	4	Excursion	Master	Geotechnical and Hydraulic Engineering
221425	Engineering Geological Mapping	3	Excursion	Master	Geotechnical and Hydraulic Engineering
261452	Theory of Materials	2	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
313190	Ventilation and Tunnel Safety	1,5	Lecture/Practical	Master	Geotechnical and Hydraulic Engineering
442074	Computational Intelligence	1	Practical	Bachelor	Computer Science
448092	Bachelor Thesis Informatics	2	Seminar/Project	Bachelor	Computer Science
INB05021U	Human-Computer Interaction	3	Lecture/Practical	Bachelor	Computer Science
705060	Operating Systems	4	Lecture/Practical	Bachelor	Computer Science
705061	Systems Programming	1,5	Design practical	Bachelor	Computer Science
705410	Bachelor Thesis Informatics	2	Seminar/Project	Bachelor	Computer Science
707018	Web Science	2	Lecture/Practical	Bachelor	Computer Science
707040	Introduction to Knowledge Technologies	2	Lecture/Practical	Bachelor	Computer Science
708081	Computational Geometry	1	Practical	Bachelor	Computer Science
708204	Bachelor Thesis Informatics	2	Seminar/Project	Bachelor	Computer Science
708561	Computational Intelligence	2	Lecture	Bachelor	Computer Science
716062	Software Engineering and Knowledge Management	3	Lecture/Practical	Bachelor	Computer Science
940001	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940002	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940003	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940004	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940005	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Computer Science
940010	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940011	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940012	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940013	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science
940014	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Computer Science

940060	English for Engineers: Perfection Level 2 (C1/1)	2	Seminar	Bachelor	Computer Science
437163	Electrodynamics ICE	2	Lecture	Bachelor	Information and Computer Engineering
437164	Electrodynamics ICE	1	Practical	Bachelor	Information and Computer Engineering
439039	Bachelor Thesis Information and Computer Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
439084	Circuit Simulation	1	Lecture	Bachelor	Information and Computer Engineering
439086	Circuit Simulation	2	Practical	Bachelor	Information and Computer Engineering
442070	Computational Intelligence SEW	2	Lecture	Bachelor	Information and Computer Engineering
442111	Bachelor Thesis Information and Computer Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
448026	Real-Time Operating Systems	2	Lecture	Bachelor	Information and Computer Engineering
448027	Real-Time Operating Systems	1	Laboratory practical	Bachelor	Information and Computer Engineering
448090	Bachelor Thesis Computer and Information Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
705002	Bachelor Thesis Information and Computer Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
705060	Operating Systems	4	Lecture/Practical	Bachelor	Information and Computer Engineering
705061	Systems Programming	1,5	Design practical	Bachelor	Information and Computer Engineering
706004	Databases 1	2	Lecture/Practical	Bachelor	Information and Computer Engineering
708070	Computational Intelligence SEW	1	Practical	Bachelor	Information and Computer Engineering
708205	Bachelor Thesis Information and Computer Engineering	4	Seminar/Project	Bachelor	Information and Computer Engineering
371152	Company's Management of Innovation	1	Lecture	Master	Information and Computer Engineering
371153	Company's Management of Innovation	2	Practical	Master	Information and Computer Engineering
371160	Logistics	1	Lecture	Master	Information and Computer Engineering
371161	Logistics	1	Practical	Master	Information and Computer Engineering
372242	General Management, Case Studies	1	Lecture	Master	Information and Computer Engineering
372243	General Management, Case Studies	2	Practical	Master	Information and Computer Engineering
374001	Quantitative Methods for Business	2	Lecture	Master	Information and Computer Engineering
374002	Quantitative Methods for Business	3	Practical	Master	Information and Computer Engineering
374016	Business Informatics	1	Lecture	Master	Information and Computer Engineering
374017	Business Informatics	2	Practical	Master	Information and Computer Engineering
MAS360	IC Design Project Management and Quality	1	Lecture	Master	Information and Computer Engineering
SES220	Wireless Communication Networks and Protocols	2	Lecture	Master	Information and Computer Engineering
434373	Energy and Environment	2	Lecture	Master	Information and Computer Engineering
437163	Electrodynamics ICE	2	Lecture	Master	Information and Computer Engineering
437164	Electrodynamics ICE	1	Practical	Master	Information and Computer Engineering
438086	Statistical Signal Processing	2	Lecture	Master	Information and Computer Engineering
438087	Statistical Signal Processing	1	Practical	Master	Information and Computer Engineering
439012	Analog Circuit Laboratory	3	Laboratory practical	Master	Information and Computer Engineering
439035	Seminar/Project Electronics	6	Seminar/Project	Master	Information and Computer Engineering
439068	Evaluation of ICs Laboratory	3	Laboratory practical	Master	Information and Computer Engineering
439084	Circuit Simulation	1	Lecture	Master	Information and Computer Engineering

439086	Circuit Simulation	2	Practical	Master	Information and Computer Engineering
439201	Practical Analog Circuit Design	2	Practical	Master	Information and Computer Engineering
439208	Analog IC Design 2	2	Lecture	Master	Information and Computer Engineering
439209	Analog IC Design 2	2	Practical	Master	Information and Computer Engineering
439210	Electromagnetic Compatibility of ICs	1	Lecture	Master	Information and Computer Engineering
439211	Analog IC Layout 1	2	Practical	Master	Information and Computer Engineering
439213	Production Test and Design for Test	2	Lecture	Master	Information and Computer Engineering
439214	IC Design Project Management and Quality	1	Lecture	Master	Information and Computer Engineering
439215	Noise and Crosstalk in ICs	2	Lecture/Practical	Master	Information and Computer Engineering
439216	Compact Modelling and Robust IC Design	1	Lecture/Practical	Master	Information and Computer Engineering
439217	Practical Analog Circuit Design, Laboratory	1	Laboratory practical	Master	Information and Computer Engineering
439225	Advanced Analog IC Design 2	3	Lecture/Practical	Master	Information and Computer Engineering
440417	RFID systems	2	Lecture	Master	Information and Computer Engineering
442015	Spoken language in human and human-computer dialogue	2	Lecture/Practical	Master	Information and Computer Engineering
442021	Nonlinear Signal Processing	2	Lecture	Master	Information and Computer Engineering
442022	Nonlinear Signal Processing	1	Practical	Master	Information and Computer Engineering
442032	Speech Communication 2	2	Lecture	Master	Information and Computer Engineering
442033	Speech Communication Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
442042	Advanced Signal Processing 2, Seminar	2	Seminar	Master	Information and Computer Engineering
442061	Digital Audio Engineering 2	2	Lecture	Master	Information and Computer Engineering
442070	Computational Intelligence SEW	2	Lecture	Master	Information and Computer Engineering
442087	Seminar/Project Signal Processing	6	Seminar/Project	Master	Information and Computer Engineering
442088	Seminar/Project Speech Communication	6	Seminar/Project	Master	Information and Computer Engineering
442177	Digital Audio Engineering, Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
443080	Process Automation	2	Lecture	Master	Information and Computer Engineering
443081	Process Automation, Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
443103	Basics of Nonlinear Control Systems	2	Lecture	Master	Information and Computer Engineering
443104	Basics of Nonlinear Control Systems	1	Practical	Master	Information and Computer Engineering
448018	Smart Service Development	2	Lecture	Master	Information and Computer Engineering
448019	Smart Service Development	1	Practical	Master	Information and Computer Engineering
448026	Real-Time Operating Systems	2	Lecture	Master	Information and Computer Engineering
448027	Real-Time Operating Systems	1	Laboratory practical	Master	Information and Computer Engineering
448029	Microcontroller Design, Laboratory	4	Laboratory practical	Master	Information and Computer Engineering
448030	Fault-Tolerant Computing Systems	2	Lecture	Master	Information and Computer Engineering
448031	Fault-Tolerant Computing Systems	1	Practical	Master	Information and Computer Engineering
448034	Signal Processors	2	Lecture	Master	Information and Computer Engineering
448044	Embedded Systems	2	Lecture	Master	Information and Computer Engineering
448045	Embedded Systems, Laboratory	1	Laboratory practical	Master	Information and Computer Engineering

448050	Hardware-Software-Codesign	2	Lecture	Master	Information and Computer Engineering
448051	Hardware-Software-Codesign	1	Practical	Master	Information and Computer Engineering
448062	Sensor Networks	2	Lecture/Practical	Master	Information and Computer Engineering
448063	Sensor Networks, Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
448066	Mobile Computing, Laboratory	2	Laboratory practical	Master	Information and Computer Engineering
448068	Industrial Software Development and Quality Management	2	Lecture	Master	Information and Computer Engineering
448069	Industrial Software Development and Quality Management	1	Practical	Master	Information and Computer Engineering
448072	Mobile Computing, Seminar	3	Seminar	Master	Information and Computer Engineering
448080	Seminar/Project Technical Informatics	6	Seminar/Project	Master	Information and Computer Engineering
451249	Smart Antennas	2	Lecture/Practical	Master	Information and Computer Engineering
451501	Microwave measurement techniques	2	Lecture/Practical	Master	Information and Computer Engineering
451503	Selected Topics RFID	2	Lecture	Master	Information and Computer Engineering
709034	Computational Biology	2	Lecture	Master	Information and Computer Engineering
705046	Embedded Security	3	Lecture/Practical	Master	Information and Computer Engineering
705051	Selected Topics IT Security 2	2	Seminar	Master	Information and Computer Engineering
705052	Selected Topics IT Security 1	2	Lecture	Master	Information and Computer Engineering
705053	Selected Topics IT Security 1	1	Design practical	Master	Information and Computer Engineering
705064	Applied Cryptography 2	2	Lecture	Master	Information and Computer Engineering
705065	Applied Cryptography 2	1	Design practical	Master	Information and Computer Engineering
705107	Seminar/Project Applied Information Processing	6	Seminar/Project	Master	Information and Computer Engineering
706057	Information Visualisation	3	Lecture/Practical	Master	Information and Computer Engineering
708070	Computational Intelligence SEW	1	Practical	Master	Information and Computer Engineering
708081	Computational Geometry	1	Practical	Master	Information and Computer Engineering
708085	Principles of Brain Computation	2	Lecture	Master	Information and Computer Engineering
708086	Principles of Brain Computation	1	Design practical	Master	Information and Computer Engineering
708112	Computational Intelligence Seminar B	2	Seminar	Master	Information and Computer Engineering
708413	Seminar/Project Machine Learning and Neuroinformatics	6	Seminar/Project	Master	Information and Computer Engineering
709028	Non-Invasive Brain-Computer Interfaces	2	Design practical	Master	Information and Computer Engineering
710076	Medical Image Analysis	2	Lecture	Master	Information and Computer Engineering
710077	Medical Image Analysis	1	Design practical	Master	Information and Computer Engineering
710088	Robot Vision	2	Lecture	Master	Information and Computer Engineering
710089	Robot Vision	1	Design practical	Master	Information and Computer Engineering
710092	Real-Time Graphics 2	1	Lecture	Master	Information and Computer Engineering
710093	Real-Time Graphics 2	2	Design practical	Master	Information and Computer Engineering
710100	Mathematical Principles in Vision and Graphics	3	Lecture/Practical	Master	Information and Computer Engineering
710111	Research Seminar Virtual Reality	2	Seminar	Master	Information and Computer Engineering
711014	Simulation and Animation	3	Lecture/Practical	Master	Information and Computer Engineering
716018	Expert Systems	2	Lecture	Master	Information and Computer Engineering

716019	Expert Systems	1	Design practical	Master	Information and Computer Engineering
716054	Problem Analysis and Complexity Theory	3	Lecture/Practical	Master	Information and Computer Engineering
716055	Modelling Technical Systems	2	Lecture	Master	Information and Computer Engineering
716056	Modelling Technical Systems	1	Practical	Master	Information and Computer Engineering
716072	Software Technology	3	Lecture/Practical	Master	Information and Computer Engineering
716076	Compiler Construction	2	Lecture	Master	Information and Computer Engineering
716077	Compiler Construction	1	Design practical	Master	Information and Computer Engineering
716082	Selected Topics Software Technology 2	2	Lecture	Master	Information and Computer Engineering
716083	Selected Topics Software Technology 2	1	Practical	Master	Information and Computer Engineering
716084	Recommender Systems	2	Lecture/Practical	Master	Information and Computer Engineering
716093	Advanced Robotics	2	Lecture	Master	Information and Computer Engineering
716094	Advanced Robotics	1	Laboratory practical	Master	Information and Computer Engineering
716102	Software Technology Tools	2	Seminar	Master	Information and Computer Engineering
716106	Seminar/Project Software Technology	6	Seminar/Project	Master	Information and Computer Engineering
940070	English for Engineers: Advanced Oral Skills (C1/1)	2	Seminar	Master	Information and Computer Engineering
940080	English for Engineers: Advanced - Professional Meetings (C1/1)	2	Seminar	Master	Information and Computer Engineering
940965	Intercultural Social Competence for Work and Life	2	Seminar	Master	Information and Computer Engineering
940966	Intercultural Social Competence for Work and Life	2	Seminar	Master	Information and Computer Engineering
301008	Industrial Manufacturing	2	Lecture	Master	Mechanical Engineering
303007	Modelling and Simulation	2	Lecture/Practical	Master	Mechanical Engineering
304060	Operator Calculus for Engineers	2	Lecture	Master	Mechanical Engineering
304082	Finite Element Method - A Seminar for Problem Solving on the Computer	2	Practical	Master	Mechanical Engineering
305049	Nonlinear Vibrations	2	Lecture	Master	Mechanical Engineering
305050	Nonlinear vibrations	1	Practical	Master	Mechanical Engineering
307090	Energy Systems Analysis	2	Lecture	Master	Mechanical Engineering
307096	Energetic Biomass Utilisation	2	Lecture	Master	Mechanical Engineering
309004	IT in Production Systems	3	Lecture/Practical	Master	Mechanical Engineering
313192	Traffic and Air Quality	2	Lecture/Practical	Master	Mechanical Engineering
319066	Structural Dynamics, Acoustics and Numerical Methods	2	Lecture	Master	Mechanical Engineering
319068	Structural Dynamics, Acoustics and Numerical Methods	1	Practical	Master	Mechanical Engineering
319110	economical optimisation of thermal turbomachinery	3	Lecture	Master	Mechanical Engineering
331015	3D-CAD Surface Design in Automotive Engineering	2	Lecture/Practical	Master	Mechanical Engineering
333041	Vehicle safety 2	2	Lecture	Master	Mechanical Engineering
333042	Biomechanics	2	Lecture	Master	Mechanical Engineering
336048	Quality Management	2	Lecture	Master	Mechanical Engineering
374416	Modeling and Optimization in Production and Logistic Systems	2	Lecture/Practical	Master	Mechanical Engineering
MAT460	Mathematical foundations of information theory	3	Lecture	Master	Mathematics
MAT461	Mathematical foundations of information theory	1	Practical	Master	Mathematics

MAT464	Advanced and algorithmic graph theory	3	Lecture	Master	Mathematics
MAT465	Advanced and algorithmic graph theory	1	Practical	Master	Mathematics
MAT475	Non-life insurance mathematics	1	Practical	Master	Mathematics
MAT482	Combinatorial optimisation 2	3	Lecture	Master	Mathematics
MAT483	Combinatorial optimisation 2	1	Practical	Master	Mathematics
MAT490	Partial differential equations and boundary value problems	3	Lecture	Master	Mathematics
MAT491	Partial differential equations and boundary value problems	1	Practical	Master	Mathematics
MAT492	Numerics and simulation	3	Lecture	Master	Mathematics
MAT493	Numerics and simulation	1	Practical	Master	Mathematics
MAT527	Financial management	2	Lecture	Master	Mathematics
MAT546	Introduction to Theoretical Physics	3	Lecture	Master	Mathematics
MAT606	Seminar (Combinatorics and Optimization)	2	Seminar	Master	Mathematics
MAT687	Elective subject mathematics (Mixed FEM & Applications)	3	Lecture	Master	Mathematics
MAT688	Elective subject mathematics (Mixed FEM & Applications)	1	Practical	Master	Mathematics
719009	Introduction of Biomechanics	3	Lecture/Practical	Master	Mathematics
MOL923	Laboratory Course Bioinformatics	2	Practical	Master	Molecular Microbiology
661254	Minerals in Paper Manufacturing	2	Lecture	University	Paper and Pulp Technology
661257	Pulp & Paper Engineering Field Trip	1	Excursion	University	Paper and Pulp Technology
661326	Paper Coating Technology and Converting - ULG P&P	3	Lecture	University	Paper and Pulp Technology
MOL960	Sensory Analysis of biotechnologically produced food	2	Lecture/Practical	Master	Palnt sciences
MOL977	Plant Biotechnology	0,7	Lecture	Master	Palnt sciences
309004	IT in Production Systems	3	Lecture/Practical	Master	Production Science and Management
313192	Traffic and Air Quality	2	Lecture/Practical	Master	Production Science and Management
333041	Vehicle safety 2	2	Lecture	Master	Production Science and Management
335002	Advanced Processing Technology	4	Lecture	Master	Production Science and Management
336040	Leadership and Motivation	2	Seminar	Master	Production Science and Management
336048	Quality Management	2	Lecture	Master	Production Science and Management
336064	Career Management	2	Lecture/Practical	Master	Production Science and Management
336066	Safety and Sustainability	2	Lecture	Master	Production Science and Management
336070	Operational Risk Management	1	Lecture	Master	Production Science and Management
336071	Operational Risk Management	1	Practical	Master	Production Science and Management
336080	Manufacturing and Supply Chain Network	2	Lecture/Practical	Master	Production Science and Management
336092	Marketing in Automotive Engineering	2	Lecture/Practical	Master	Production Science and Management
336144	Product Innovation Management	1	Lecture	Master	Production Science and Management
336145	Product Innovation Management	1	Practical	Master	Production Science and Management
372214	Project Management (english)	2	Lecture	Master	Production Science and Management
372242	General Management, Case Studies	1	Lecture	Master	Production Science and Management
372243	General Management, Case Studies	2	Practical	Master	Production Science and Management

372245	General Management, Simulation	1	Lecture	Master	Production Science and Management
372246	General Management, Simulation	2	Practical	Master	Production Science and Management
372247	General Management and Organization	2	Lecture	Master	Production Science and Management
372248	General Management and Organization	2	Practical	Master	Production Science and Management
374001	Quantitative Methods for Business	2	Lecture	Master	Production Science and Management
374002	Quantitative Methods for Business	3	Practical	Master	Production Science and Management
374018	Engineering and Business Informatics	1	Lecture	Master	Production Science and Management
374019	Engineering and Business Informatics	2	Practical	Master	Production Science and Management
374416	Modeling and Optimization in Production and Logistic Systems	2	Lecture/Practical	Master	Production Science and Management
371160	Logistics	1	Lecture	Master	Software Engineering and Management
371161	Logistics	1	Practical	Master	Software Engineering and Management
372242	General Management, Case Studies	1	Lecture	Master	Software Engineering and Management
372243	General Management, Case Studies	2	Practical	Master	Software Engineering and Management
372247	General Management and Organization	2	Lecture	Master	Software Engineering and Management
372248	General Management and Organization	2	Practical	Master	Software Engineering and Management
372260	Technology Management	2	Seminar	Master	Software Engineering and Management
373309	Financial Management	2	Lecture	Master	Software Engineering and Management
374003	Selected Topics of Business Simulation	2	Seminar	Master	Software Engineering and Management
374004	Optimization Methods for Operations Planning	3	Lecture/Practical	Master	Software Engineering and Management
374016	Business Informatics	1	Lecture	Master	Software Engineering and Management
374017	Business Informatics	2	Practical	Master	Software Engineering and Management
374416	Modeling and Optimization in Production and Logistic Systems	2	Lecture/Practical	Master	Software Engineering and Management
440406	Wireless Communication Networks and Protocols	1	Lecture	Master	Software Engineering and Management
705046	Embedded Security	3	Lecture/Practical	Master	Software Engineering and Management
705051	Selected Topics IT Security 2	2	Seminar	Master	Software Engineering and Management
705052	Selected Topics IT Security 1	2	Lecture	Master	Software Engineering and Management
705053	Selected Topics IT Security 1	1	Design practical	Master	Software Engineering and Management
705064	Applied Cryptography 2	2	Lecture	Master	Software Engineering and Management
705065	Applied Cryptography 2	1	Design practical	Master	Software Engineering and Management
706045	Structured Data-Management - Advanced Topics	3	Lecture/Practical	Master	Software Engineering and Management
706046	Human-Computer Interaction (Selected Topics): Applying User-Centered Design	3	Lecture/Practical	Master	Software Engineering and Management
706054	Social Media Technologies	2	Lecture/Practical	Master	Software Engineering and Management
706055	Mobile Applications	3	Lecture/Practical	Master	Software Engineering and Management
706057	Information Visualisation	3	Lecture/Practical	Master	Software Engineering and Management
707004	Knowledge Discovery and Data Mining 2	3	Lecture/Practical	Master	Software Engineering and Management
707018	Web Science	2	Lecture/Practical	Master	Software Engineering and Management
708081	Computational Geometry	1	Practical	Master	Software Engineering and Management

708085	Principles of Brain Computation	2	Lecture	Master	Software Engineering and Management
708086	Principles of Brain Computation	1	Design practical	Master	Software Engineering and Management
708112	Computational Intelligence Seminar B	2	Seminar	Master	Software Engineering and Management
710001	Advanced Computer Vision	2	Seminar	Master	Software Engineering and Management
710076	Medical Image Analysis	2	Lecture	Master	Software Engineering and Management
710077	Medical Image Analysis	1	Design practical	Master	Software Engineering and Management
710088	Robot Vision	2	Lecture	Master	Software Engineering and Management
710089	Robot Vision	1	Design practical	Master	Software Engineering and Management
710092	Real-Time Graphics 2	1	Lecture	Master	Software Engineering and Management
710093	Real-Time Graphics 2	2	Design practical	Master	Software Engineering and Management
710100	Mathematical Principles in Vision and Graphics	3	Lecture/Practical	Master	Software Engineering and Management
710111	Research Seminar Virtual Reality	2	Seminar	Master	Software Engineering and Management
711014	Simulation and Animation	3	Lecture/Practical	Master	Software Engineering and Management
711025	Selected Topics Digital Libraries	3	Lecture/Practical	Master	Software Engineering and Management
711027	3D Object Retrieval	3	Lecture/Practical	Master	Software Engineering and Management
716018	Expert Systems	2	Lecture	Master	Software Engineering and Management
716019	Expert Systems	1	Design practical	Master	Software Engineering and Management
716054	Problem Analysis and Complexity Theory	3	Lecture/Practical	Master	Software Engineering and Management
716072	Software Technology	3	Lecture/Practical	Master	Software Engineering and Management
716076	Compiler Construction	2	Lecture	Master	Software Engineering and Management
716077	Compiler Construction	1	Design practical	Master	Software Engineering and Management
716080	Selected Topics Software Technology 4	2	Lecture	Master	Software Engineering and Management
716081	Selected Topics Software Technology 4	1	Practical	Master	Software Engineering and Management
716082	Selected Topics Software Technology 2	2	Lecture	Master	Software Engineering and Management
716083	Selected Topics Software Technology 2	1	Practical	Master	Software Engineering and Management
716084	Recommender Systems	2	Lecture/Practical	Master	Software Engineering and Management
716093	Advanced Robotics	2	Lecture	Master	Software Engineering and Management
716094	Advanced Robotics	1	Laboratory practical	Master	Software Engineering and Management
716100	Mobile Applications	3	Lecture/Practical	Master	Software Engineering and Management
716102	Software Technology Tools	2	Seminar	Master	Software Engineering and Management
716420	Master Project in Secure and Correct Systems	1	Project	Master	Software Engineering and Management
716421	Master Project Intelligent Systems	1	Project	Master	Software Engineering and Management
442070	Computational Intelligence SEW	2	Lecture	Bachelor	Software Development and Business Management
448094	Bachelor Thesis Software Development	2	Seminar/Project	Bachelor	Software Development and Business Management
INB05021U F	Human-Computer Interaction	3	Lecture/Practical	Bachelor	Software Development and Business Management

705060	Operating Systems	4	Lecture/Practical	Bachelor	Software Development and Business Management
705061	Systems Programming	1,5	Design practical	Bachelor	Software Development and Business Management
705408	Bachelor Thesis Software Development	2	Seminar/Project	Bachelor	Software Development and Business Management
707040	Introduction to Knowledge Technologies	2	Lecture/Practical	Bachelor	Software Development and Business Management
708070	Computational Intelligence SEW	1	Practical	Bachelor	Software Development and Business Management
708203	Bachelor Thesis Software Development	2	Seminar/Project	Bachelor	Software Development and Business Management
716062	Software Engineering and Knowledge Management	3	Lecture/Practical	Bachelor	Software Development and Business Management
940001	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940002	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940003	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940004	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940005	English for Engineers: Refresher 1 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940010	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940011	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940012	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940013	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940014	English for Engineers: Refresher 2 (B2/1)	2	Seminar	Bachelor	Software Development and Business Management
940060	English for Engineers: Perfection Level 2 (C1/1)	2	Seminar	Bachelor	Software Development and Business Management
SES212	Satellite Communications, Seminar	2	Seminar	Master	Space Sciences and Earth from Space
SES213	Design and Development of Space Qualified Hardware	1	Lecture	Master	Space Sciences and Earth from Space

SES219	Communication Networks	2	Lecture	Master	Space Sciences and Earth from Space
SES220	Wireless Communication Networks and Protocols	2	Lecture	Master	Space Sciences and Earth from Space
440307	Communication Networks	2	Lecture	Master	Space Sciences and Earth from Space
440505	Satellite Communications, Seminar	2	Seminar	Master	Space Sciences and Earth from Space
SES102	Time Series Analysis and Filtering	2	Lecture	Master	Space Sciences and Earth from Space
SES103	Time Series Analysis and Filtering	2	Practical	Master	Space Sciences and Earth from Space
SES107	Advanced Satellite Geodesy	2	Lecture	Master	Space Sciences and Earth from Space
SES108	Advanced Satellite Geodesy	2	Practical	Master	Space Sciences and Earth from Space
SES109	Gravity Field Modelling	3	Lecture/Practical	Master	Space Sciences and Earth from Space
SES124	Advanced Geosoftwares Applications	2	Lecture/Practical	Master	Space Sciences and Earth from Space
440609	Interpersonal Skills & Leadership Development	6	Lecture	University course	Space Systems and Business Engineering (SpaceTech)
440610	Selected Topics on Space Systems Engineering Seminar	3	Seminar	University course	Space Systems and Business Engineering (SpaceTech)
440611	Central Case Project	12	Project	University course	Space Systems and Business Engineering (SpaceTech)
CHE523	Material Science II - Characterisation and Testing	2	Lecture	Master	Technical Chemistry
CHE524	Energy Storage and Conversion	1,33	Lecture	Master	Technical Chemistry
CHE527	Materials and Materials Technologies II	2	Lecture	Master	Technical Chemistry
CHE550	Biotechnology TC	2	Lecture	Master	Technical Chemistry
CHE552	Fuel Cells and Energy Storage	2	Lecture	Master	Technical Chemistry
CHE554	Photovoltaics, Thermal Energy Storage and Application	1,33	Lecture	Master	Technical Chemistry
CHE559	Advanced Polymer Characterisation	2	Lecture	Master	Technical Chemistry
CHE561	Advanced Polymer Testing and Characterisation	2	Seminar	Master	Technical Chemistry
CHE565	Nanostructures in Polymers	1,33	Lecture	Master	Technical Chemistry
CHE566	Paintings and Dyes	0,65	Lecture	Master	Technical Chemistry
CHE567	Advanced Polymer Synthesis	1,33	Lecture	Master	Technical Chemistry
CHE568	Polymer Photochemistry	1,33	Lecture	Master	Technical Chemistry
CHE570	Macromolecular Materials and Material Technologies III - Composite Materials	1,33	Lecture	Master	Technical Chemistry
CHE574	Electrosynthesis in Industry and Laboratory	2,66	Lecture	Master	Technical Chemistry
CHE577	Semiconductor Chemistry and Technology	2	Lecture	Master	Technical Chemistry
CHE578	Solid State Spectroscopy	2	Lecture	Master	Technical Chemistry
CHE581	Organometallic Polymers, Materials and Nanoparticles	1	Seminar	Master	Technical Chemistry
CHE582	Simulation of Polymeric Materials	2	Lecture/Practical	Master	Technical Chemistry
CHE584	Materials for Electrical Engineering	2	Lecture	Master	Technical Chemistry
CHE586	Structure and Matter - Scattering Methods	2	Lecture	Master	Technical Chemistry
CHE590_1	Materials Testing and Characterisation	4	Laboratory practical	Master	Technical Chemistry

CHE600_1	Project Laboratory Renewable Resources	8	Laboratory practical	Master	Technical Chemistry
CHE601_1	Project Laboratory Macromolecular Chemistry and Technology	8	Laboratory practical	Master	Technical Chemistry
CHE603_1	Project Laboratory Inorganic Materials and Electro-chemistry	8	Laboratory practical	Master	Technical Chemistry
MAS365	Structure Characterization by High Resolution Electron Microscopy	2	Lecture	Master	Technical Physics
MAS370	X-Ray Physics	2	Lecture	Master	Technical Physics
PHT305	Surface Chemistry	2	Lecture	Master	Technical Physics
PHT703	Structurally Complex Materials	2	Lecture	Master	Technical Physics
PHT705	Biological and Biobased Materials	2	Lecture	Master	Technical Physics
PHT901	Microelectronics and Micromechanics	2	Lecture	Master	Technical Physics
513060	Surface and Thin Films Physics	2	Lecture	Master	Technical Physics
513803	Advanced Solid State Physics	2	Lecture	Master	Technical Physics
513804	Advanced Solid State Physics	1	Practical	Master	Technical Physics
515326	Kinetic Theory in Plasma Physics	2	Lecture	Master	Technical Physics
515403	Introduction to Symbolic Computation	2	Lecture	Master	Technical Physics
515474	Solid State Theory: Band Structure Methods	2	Lecture	Master	Technical Physics
515497	Mathematical Methods of Theoretical Physics	2	Lecture	Master	Technical Physics
515564	Correlation Phenomena in Solid State Physics: Quantum Systems out of Equilibrium	3	Lecture/Practical	Master	Technical Physics
515826	Selected Topics in Theoretical Many-Body Physics	2	Lecture	Master	Technical Physics
515840	Advanced Computational Physics	2	Lecture	Master	Technical Physics
515840	Advanced Computational Physics	2	Lecture	Master	Technical Physics
515841	Advanced Computational Physics	4	Practical	Master	Technical Physics
515841	Advanced Computational Physics	4	Practical	Master	Technical Physics
519004	Transmission Electron Microscopy	2	Lecture	Master	Technical Physics
519014	Structure Characterization by High Resolution Electron Microscopy	2	Lecture	Master	Technical Physics
INB05021U	Human-Computer Interaction	3	Lecture/Practical	Master	Computer Science
705061	Systems Programming	1,5	Design practical	Master	Computer Science
GEO885	Water analysis and characterization	2	Lecture/Practical	Master	Environmental System Sciences / Natural Sciences-Technology
UNT248	Energetic Use of Biomass	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
UNT280	Traffic and Air Quality	2	Lecture/Practical	Master	Environmental System Sciences / Natural Sciences-Technology
MOL952	Laboratory course Environmental Biotechnology	6	Project	Master	Environmental System Sciences / Natural Sciences-Technology
MOL977	Plant Biotechnology	0,7	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology

MOL979	Sustainable Process Technology	2	Lecture	Master	Environmental System Sciences / Natural Sciences-Technology
667104	Thermal Unit Operations	3	Lecture	Bachelor	Chemical and Process Engineering
667105	Thermal Unit Operations	2	Practical	Bachelor	Chemical and Process Engineering
667106	Laboratory Thermal Unit Operations I	1	Laboratory practical	Bachelor	Chemical and Process Engineering
667108	Laboratory Chemical Reaction Engineering I	1	Laboratory practical	Bachelor	Chemical and Process Engineering
667116	Chemical Thermodynamics I	1	Practical	Bachelor	Chemical and Process Engineering
667117	Chemical Thermodynamics I	2	Lecture	Bachelor	Chemical and Process Engineering
667120	Introduction to Process Simulation Plant Design	1	Lecture	Bachelor	Chemical and Process Engineering
667121	Introduction to Process Simulation Plant Design	2	Practical	Bachelor	Chemical and Process Engineering
669106	Particle process engineering I	2	Practical	Bachelor	Chemical and Process Engineering
669107	Labor Partikelverfahrenstechnik I	1	Laboratory practical	Bachelor	Chemical and Process Engineering
669109	Mass and Energy Balances	2	Lecture/Practical	Bachelor	Chemical and Process Engineering
321055	Milli and Micro Fluid Mechanics	2	Lecture/Practical	Master	Chemical and Process Engineering
374001	Quantitative Methods for Business	2	Lecture	Master	Chemical and Process Engineering
374002	Quantitative Methods for Business	3	Practical	Master	Chemical and Process Engineering
CHE782	Pharmaceutical Multiphase Reactors	2	Lecture/Practical	Master	Chemical and Process Engineering
661215	Paper and Board Coating Technology	3	Lecture	Master	Chemical and Process Engineering
661254	Minerals in Paper Manufacturing	2	Lecture	Master	Chemical and Process Engineering
661257	Pulp & Paper Engineering Field Trip	1	Excursion	Master	Chemical and Process Engineering
667211	Chemical Reaction Engineering II	2	Lecture/Practical	Master	Chemical and Process Engineering
667212	Laboratory Chemical Reaction Engineering	2	Laboratory practical	Master	Chemical and Process Engineering
667251	Chemical Reaction Engineering	3	Lecture/Practical	Master	Chemical and Process Engineering
669252	Excursion (Chemical and Process Engineering)	2	Excursion	Master	Chemical and Process Engineering
669266	Design of Multiphase Flow Processes	2	Lecture/Practical	Master	Chemical and Process Engineering
669274	Continuous Process Engineering	2	Lecture	Master	Chemical and Process Engineering
213412	Hydraulic Engineering	2,5	Lecture/Practical	Master	Construction Management - Civil Engineering
218480	Economic English for Civil Engineering	2	Lecture/Practical	Master	Construction Management - Civil Engineering
371152	Company's Management of Innovation	1	Lecture	Master	Construction Management - Civil Engineering
371153	Company's Management of Innovation	2	Practical	Master	Construction Management - Civil Engineering
371160	Logistics	1	Lecture	Master	Construction Management - Civil Engineering
371161	Logistics	1	Practical	Master	Construction Management - Civil Engineering
371170	Creativity Techniques	1	Lecture	Master	Construction Management - Civil Engineering
371171	Creativity Techniques	1	Practical	Master	Construction Management - Civil Engineering
372214	Project Management (english)	2	Lecture	Bachelor	Mechanical Engineering - Economics
301008	Industrial Manufacturing	2	Lecture	Master	Mechanical Engineering and Business
303007	Modelling and Simulation	2	Lecture/Practical	Master	Mechanical Engineering and Business
304060	Operator Calculus for Engineers	2	Lecture	Master	Mechanical Engineering and Business

304082	Finite Element Method - A Seminar for Problem Solving on the Computer	2	Practical	Master	Mechanical Engineering and Business
305049	Nonlinear Vibrations	2	Lecture	Master	Mechanical Engineering and Business
305050	Nonlinear vibrations	1	Practical	Master	Mechanical Engineering and Business
307090	Energy Systems Analysis	2	Lecture	Master	Mechanical Engineering and Business
307096	Energetic Biomass Utilisation	2	Lecture	Master	Mechanical Engineering and Business
309004	IT in Production Systems	3	Lecture/Practical	Master	Mechanical Engineering and Business
313192	Traffic and Air Quality	2	Lecture/Practical	Master	Mechanical Engineering and Business
319066	Structural Dynamics, Acoustics and Numerical Methods	2	Lecture	Master	Mechanical Engineering and Business
319068	Structural Dynamics, Acoustics and Numerical Methods	1	Practical	Master	Mechanical Engineering and Business
319110	economical optimisation of thermal turbomachinery	3	Lecture	Master	Mechanical Engineering and Business
331015	3D-CAD Surface Design in Automotive Engineering	2	Lecture/Practical	Master	Mechanical Engineering and Business
333041	Vehicle safety 2	2	Lecture	Master	Mechanical Engineering and Business
333042	Biomechanics	2	Lecture	Master	Mechanical Engineering and Business
336048	Quality Management	2	Lecture	Master	Mechanical Engineering and Business
336080	Manufacturing and Supply Chain Network	2	Lecture/Practical	Master	Mechanical Engineering and Business
371152	Company's Management of Innovation	1	Lecture	Master	Mechanical Engineering and Business
371153	Company's Management of Innovation	2	Practical	Master	Mechanical Engineering and Business
371160	Logistics	1	Lecture	Master	Mechanical Engineering and Business
371161	Logistics	1	Practical	Master	Mechanical Engineering and Business
372242	General Management, Case Studies	1	Lecture	Master	Mechanical Engineering and Business
372243	General Management, Case Studies	2	Practical	Master	Mechanical Engineering and Business
372245	General Management, Simulation	1	Lecture	Master	Mechanical Engineering and Business
372246	General Management, Simulation	2	Practical	Master	Mechanical Engineering and Business
372260	Technology Management	2	Seminar	Master	Mechanical Engineering and Business
374001	Quantitative Methods for Business	2	Lecture	Master	Mechanical Engineering and Business
374002	Quantitative Methods for Business	3	Practical	Master	Mechanical Engineering and Business
374003	Selected Topics of Business Simulation	2	Seminar	Master	Mechanical Engineering and Business
374004	Optimization Methods for Operations Planning	3	Lecture/Practical	Master	Mechanical Engineering and Business
374416	Modeling and Optimization in Production and Logistic Systems	2	Lecture/Practical	Master	Mechanical Engineering and Business