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Internal code	Course title	Credits	Semester
ARK3010	Maritime Culture I	15	Autumn
ARK3015	Maritime Culture II	7,5	Spring
ARK3020	Maritime Archaeological Field Research I	7,5	Autumn
ARK3025	Maritime Archaeological Field Research II	7,5	Spring
ARK3030	Archaeological Oceanography	7,5	Spring
ARK3040	Management of Maritime heritage	7,5	Autumn
ARK3050	Maritime Archaeological Science	7,5	Autumn
BA8200	Advanced Theory of Errors and Adjustment	10,5	Spring
BA8202	Advanced Physical Geodesy	10,5	Autumn
BA8203	An Integrated Earth System Approach to the Study of Ocean Climate	10,5	Autumn
BA8304	Soil Modeling	10	Autumn
BA8305	Geodynamics	10	Autumn
BA8402	Ice Mechanics	10,5	Autumn
BA8403	Advanced Topics in Port and Coastal Engineering	10,5	Spring
BA8604	Satellite Gravimetry and Altimetry	10,5	Spring
BA8605	Advanced Global Positioning System (GPS)	10,5	Spring
BT8104	NMR Biomolecular Spectroscopy	9	Spring
DANS2011	Advanced Ethnochoreology	7,5	Autumn
DT8107	Advanced Cooperation Systems	7,5	Autumn
ENG1001	Global English	7,5	Autumn
ENG1101	English Linguistics	7,5	Spring
ENG1201	Proficiency	7,5	Spring
ENG2153	First and Second Language Acquisition	7,5	Spring
ENG2155	Theoretical and Practical Issues of English Grammar and Translation	7,5	Spring
ENG2302	Literature II: Literature and History	7,5	Autumn
ENG2303	Literature III: Literature and Nation	7,5	Spring
ENG2452	Britain in Europe: Politics and Government	7,5	Autumn
ENG2501	Interdiciplinary Course	7,5	Spring
ENG3001	Theory and Method	7,5	Spring
ENG3122	Cognitive and Theoretical Aspects of Language	15	Spring
ENG3123	Translation	7,5	Spring
ENG3314	Special Subject: Literature	15	Autumn
ENG3315	Interdiciplinary Special Study	15	Spring
ENG3422	Special Study: Civilization	15	Autumn
ENG3900	Master's Thesis in English	60	Autumn
ENG3910	Master´s Thesis in English Language and Linguistics	60	Autumn
EP8115	Particle Technology	7,5	Autumn
ET8200	Power System Reliability and Security	7,5	Spring
ET8201	Voltage Instability in Power Systems	7,5	Spring
ET8202	Power System Stability and Control	7,5	Spring

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ET8203	Optimal use of Power Production and Transmission Facilities in Hydro	7,5	Spring
ET8300	Digital Signal Processing in Power Electronic Systems	7,5	Spring
ET8301	Magnetic Design of Permanent Magnet Machines	7,5	Autumn
FE8109	Design and Utilization of Memory Hierarchies in Multi-Media Applications	7,5	Spring
FI5201	Multicultural Conflicts and Ethics	15	Autumn
FI5202	Master Thesis in Applied Ethics	30	Autumn
FI5203	Master Thesis in Applied Ethics	15	Autumn
FI5204	Reading Course in Applied Ethics	15	Spring
FILM1021	Scandinavian Cinema and Television	15	Spring
FP4350	Planning theory and planning process skills	7,5	Autumn
FY3006	Sensors and Transducers	7,5	Autumn
GB8305	Numerical Modelling for Rock Engineering	10	Spring
GEOG3050	Theories of Social Change	15	Autumn
GEOG3052	Research Methodology	15	Spring
GEOG3505	Landscape and Planning	15	Autumn
GEOG3506	Geography, Health and Development	7,5	Autumn
GEOG3510	Geographical Information Systems	15	Autumn
GEOG3511	Remote Sensing	15	Autumn
GEOG3515	Environment, Development and Changing Rural Livelihoods	7,5	Autumn
GEOG3516	Humanitarianism: Theory and Practice	7,5	Autumn
GEOG3561	Gender and Social Change	7,5	Autumn
GEOG3800	Experts in a Team - Interdisciplinary Project	7,5	Spring
GEOG3920	Master Thesis in Development Studies, specialising in Geography	45	Autumn
GEOG8515	Environment, Development and Changing Rural Livelihoods II	10	Autumn
GEOG8561	Gender and Social Change II	10	Autumn
IØ8100	Innovation and Entrepreneurship	10	Autumn
IØ8200	Organizational Theory, Technology and Change	20	Autumn
IØ8201	Organization Development and Information and Communication	10	Spring
IØ8202	Business Research Methods	10	Spring
IØ8203	Measurement and Data Analysis in the Behavioral Sciences	10	Autumn
IØ8204	Consulting and Research by Using SPGR/SYMLOG	10	Autumn
IØ8300	Mathematical Finance	10	Autumn
IØ8301	Commodity Markets and Value Chain Optimization	10	Autumn
IØ8302	Game Theory	10	Spring
IØ8401	Stochastic Optimization	10	Autumn
IØ8502	The Understanding and Management of Risk and Vulnerability Problems in	10	Autumn
IØ8503	Industrial Ecology - Theoretical and Methodological Approach to	10	Spring
KJ3055	Analytical Atomic Spectrometry	7,5	Spring
KJ8100	Organic Medicinal and Pharamaceutical Chemistry	7,5	Spring
KJ8208	Advanced Irreversible Thermodynamics	7,5	Spring

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Internal code	Course title	Credits	Semester
KP8100	Advanced Process Simulation	7,5	Autumn
KP8107	Advanced Course in Membrane Separation Processes	9	Spring
KP8108	Advanced Thermodynamics : With applications to Phase and Reaction	9	Autumn
KP8109	Environmental Catalysis	6	Spring
KP8110	Membrane Gas Purification	9	Spring
KP8111	Catalytic Conversion of Hydrocarbons	6	Spring
KP8112	Applied Heterogeneous Catalysis	6	Autumn
KP8113	Characterization of Heterogeneous Catalysts	6	Autumn
KP8120	Colloid Chemistry and Functional Materials	9	Spring
MM8101	Design Methodology	7,5	Spring
MM8301	Composite Processing	7,5	Spring
MM8302	Nanocomposites/process, properties and applications	7,5	Autumn
MM8403	Fatigue Design	7,5	Spring
MOL8001	Molecular Physiology: Mechanisms and Methods	4,5	Autumn
MR8403	Maintenance Management 2	7,5	Spring
MT8208	Fatique of Metals	7,5	Autumn
MT8212	Aluminium Alloys - Deformability	7,5	Spring
MT8300	Electrolysis of Light Metals 2	7,5	Spring
MT8301	Carbon Materials Technology	7,5	Autumn
MT8306	Advanced Ceramics Processing	7,5	Spring
PG8105	Seismic Modelling and Inversion	12,5	Autumn
PG8301	Selected Topics in Petrophysics	7,5	Autumn
PG8401	Well Mechanics and Completion	7,5	Spring
PG8403	Modeling and Simulation of Production Processes	7,5	Spring
PG8600	Development of Numerical Reservoir Models	7,5	Spring
PG8601	Specialized Reservoir Simulation Models	7,5	Autumn
PG8603	Advanced Phase Behavior for Petroleum Reservoir Fluids	7,5	Spring
PG8604	Enhanced Oil Recovery	7,5	Autumn
PG8606	Gas Engineering- Reservoir and Production	7,5	Spring
PG8607	Numerical Methods in Reservoir Simulation	7,5	Autumn
PK8103	Advanced Computational Intelligence	7,5	Autumn
PK8104	Production Engineering Nonlinear Optimisation	7,5	Spring
PK8105	Time-Compression Manufacturing Technologies	7,5	Spring
PK8106	Knowledge Discovery (KD) and Data Mining (DM)	7,5	Spring
PK8200	Risk Influence Modelling and Risk Indicators	7,5	Autumn
PK8201	Reliability of Safety-Critical Functions	7,5	Spring
PK8202	Analysis, Modelling and Control in Logistics Systems	7,5	Spring
PK8203	Performance Measurement and Performance Indicators	7,5	Autumn
PK8204	Planning and Control of Research and Development Projects	7,5	Autumn
PLU8000	Introduction to International Higher Education	10	Autumn

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POL1003	Environmental Politics	7,5	Spring
POL1006	Japan's Culture and Political-Economical System	7,5	Autumn
POL1007	Current Issues in Norwegian and International Politics	7,5	Autumn
POL1011	Biotechnology and Decision Making: Analysing Risk and Values	7,5	Autumn
POL2003	International Relations: Project Work	15	Autumn
POL2004	Comparative Politics: Project Work	15	Spring
POL2008	Political Economy: Project Work	15	Spring
POL2009	America in the World: Project Work	15	Spring
POL3001	Theories of Democracy	15	Autumn
POL3503	International Political Economy	15	Autumn
POL3510	East European Systems since 1740	15	Autumn
POL8503	International Political Economy	10	Spring
POL8510	East European Systems since 1740	10	Autumn
PSY3080	Biological and Cognitive Aspects of Development	15	Autumn
PSY3081	Research Methodology, Theories of Sciences and Ethics	15	Spring
PSY3082	Relational and Cultural Aspects of Development	15	Autumn
PSY3083	Specialization in Biological and Cognitive Aspects of Development	7,5	Spring
RUS0501	Russian 1	7,5	Autumn
SANT3506	Specialization in Relational and Cultural Aspects of Development	7,5	Spring
SMED8004	Introduction to Research	5	Spring
SMED8005	Communication of Science	3	Spring
SOS2501	The Norwegian Society	15	Autumn
SOS3003	Applied Social Statistics	15	Autumn
SOS3503	Culture and Media Sociology	15	Autumn
SPO3020	Training Circulation and Oxygen Consumption	7,5	Autumn
SPO3030	Training Muscle and Force Production	7,5	Autumn
SPO3040	Environmental Adaptions	7,5	Autumn
SPO3050	Research Methods in Exercise Physiology	15	Spring
SPO3060	Specialisation in Exercise Physilogy	15	Spring
SPO3070	Research Apprenticeship in Exercise Physiology	15	Autumn
SPO3901	Thesis in Exercise Physiology	45	Autumn
SWA2203	Advanced Swahili Grammar	15	Spring
SWA2204	Swahili Language Structure	15	Autumn
SWA2205	Introduction to Swahili Literature	7,5	Autumn
SWA2206	Swahili Language and Society in East Africa	7,5	Spring
SWA2207	Swahili Language and Politics in East Africa	7,5	Spring
SØK2003	International Economics	15	Spring
TBA4115	Finite Elements in Geotechnical Engineering	7,5	Spring
TBA4145	Port and Coastal Facilities	7,5	Spring
TBA4265	Marine Physical Environment	7,5	Autumn

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TBA4270	Coastal Engineering	7,5	Spring
TBA4275	Dynamic Response to Irregular Loadings	7,5	Spring
TBA4305	Transport Systems	7,5	Autumn
TBA4850	Experts in Team, Interdisciplinary Project	7,5	Spring
TBA5100	Theoretical Soil Mechanics	7,5	Autumn
TBA5150	Geohazards and Risk Analysis	7,5	Autumn
TBA5155	Landslides and Slope Stability	7,5	Spring
TBA5200	Project Management 2 - Front End Planning and Control	7,5	Autumn
TDT4240	Software Architecture	7,5	Spring
TDT4280	Distributed Artificial Intelligence and Intelligent Agents	7,5	Spring
TEP4205	Industrial Fluid Power	7,5	Spring
TEP4220	Energy and Environmental Consequences	7,5	Autumn
TEP4222	Input-Output Analysis, Trade and Environment	7,5	Spring
TEP4223	LCA and Eco-Efficiency	7,5	Autumn
TEP5100	Industrial Ecology, Project	15	Autumn
TET4115	Power System Analysis	7,5	Autumn
TET4120	Electrical Motor Drives	7,5	Spring
TET4160	Insulating Materials for High Voltage Applications	7,5	Autumn
TET4180	Electric Power System Stability	7,5	Spring
TET4185	Power Markets, Resources and Environment	7,5	Spring
TET4190	Power Electronics for Renewable Energy	7,5	Autumn
TET4195	High Voltage Equipment	7,5	Spring
TET4200	Maritime and Offshore Power Systems	7,5	Spring
TFY4190	Instrumentation	7,5	Spring
TFY4275	Classical Transport Theory	7,5	Spring
TGB4140	Regional Geology	7,5	Autumn
TGB4160	Petroleum Geology	7,5	Autumn
TGB4180	Hydrocarbon-Resource Evaluation	7,5	Spring
TGB4235	Spreading of Pollution	7,5	Autumn
TGB5100	Rock Engineering, Advanced Course	7,5	Autumn
TIØ4135	ICT Economics - Planning and Economics of Tele and Information Services	7,5	Autumn
TIØ4137	Financial Optimization and Risk Management	7,5	Spring
TIØ4145	Corporate Finance	7,5	Autumn
TIØ4180	Innovation and Information Management	7,5	Autumn
TIØ4195	Environmental Management and Corporate Social Responsibility	7,5	Autumn
TIØ4750	Entrepreneurship and Commercialization of Technology	22,5	Autumn
TIØ5200	Project Management 3 - Project Organizations	7,5	Autumn
TIØ5210	Project Management 5 - Programme and Portfolio Management	7,5	Spring
TIØ5215	Project Management 6 - SHE and Purchasing in Projects	7,5	Spring
TK8101	Optimal Control of Dynamics Systems	7,5	Spring

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TK8106	Distributed Real Time Operating Systems	7,5	Autumn
TKJ4200	Irreversible Thermodynamics	7,5	Autumn
TKP4140	Process Control	7,5	Spring
TKT4135	Mechanics of Materials	7,5	Spring
TM8101	Dependability Analysis of Information and Communication Systems	7,5	Spring
TM8102	Traffic Analysis of Communication Networks	7,5	Spring
TM8103	Formal Methods	7,5	Spring
TM8105	Advanced Dicrete Event Simulation Methodology	7,5	Autumn
TMA4230	Functional Analysis	7,5	Spring
TMA5100	Calculus 4K	7,5	
TMM4190	Tribology	7,5	Spring
TMR4115	Design Methods	7,5	Autumn
TMR4125	Building of Ships and Platforms	7,5	Spring
TMR4130	Risk Analysis and Safety Management of Maritime Transport	7,5	Spring
TMR4175	Marine Hydrodynamics and Structures, Basic Course 2	7,5	Autumn
TMR4185	Marine Dynamics	7,5	Spring
TMR4190	Finite Element Methods in Structural Analysis	7,5	Autumn
TMR4195	Design of Offshore Structures	7,5	Spring
TMR4200	Fatigue and Fracture of Marine Structures	7,5	Autumn
TMR4205	Buckling and Collapse of Marine Structures in Steel and Aluminium	7,5	Spring
TMR4215	Sea Loads	7,5	Autumn
TMR4217	Hydrodynamics for High-Speed Marine Vehicles	7,5	Spring
TMR4220	Naval Hydrodynamics	7,5	Spring
TMR4225	Marine Operations	7,5	Spring
TMR4230	Oceanography	7,5	Spring
TMR4235	Stochastic Theory of Sealoads	7,5	Autumn
TMR4240	Marine Control Systems	7,5	Spring
TMR4275	Modelling, Simulation and Analysis of Dynamic Systems	7,5	Autumn
TMR4280	Internal Combustion Engines	7,5	Spring
TMR4285	Piping Systems Design	7,5	Spring
TMR4290	Diesel-electric Propulsion Systems	7,5	Autumn
TMR5100	Marine Design and Marine Engineering, Basic Course	7,5	
TMR5110	Marine Design, Project	7,5	Spring
TMR5120	Design of Marine Vehicles	7,5	Autumn
TMR5130	Marine Design, Specialization Course	7,5	Autumn
TMR5140	Marine Structures, Basic Course	7,5	
TMR5150	Marine Dynamics, Basic Course	7,5	
TMR5160	Marine Structures, Project	7,5	Spring
TMR5170	Marine Structures, Specialization Course	7,5	Autumn
TMR5180	Control Engineering and Linear System Theory	7,5	Autumn

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TMR5190	Marine Hydrodynamics, Basic Course	7,5	
TMR5200	Marine Hydrodynamics, Project	7,5	Spring
TMR5210	Marine Control Systems, Spesialization Course	7,5	Autumn
TMR5220	Marine Hydrodynamics, Specialization Course	7,5	Autumn
TMR5230	Nautical Science, Basic Course	7,5	Autumn
TMR5240	Nautical Science, Advanced Course	7,5	Spring
TMR5250	Nautical Science, Project	7,5	Spring
TMR5260	Nautical Science, Spesialization Course	7,5	Autumn
TMR5270	Operation Technology, Basic Course	7,5	
TMR5280	Marine Engineering, Project	7,5	Spring
TMR5290	Technical Operations of Marine Systems, Project	7,5	Spring
TMR5300	Marine Engineering, Spesialization Course	7,5	Autumn
TMR5310	Technical Operations, Spesialization Course	7,5	Autumn
TMT4155	Heterogeneous Equilibria and Phase Diagrams	7,5	Autumn
TMT4265	Materials Technology - Forming Light Metals	7,5	Spring
TMT4325	Refining and Recycling of Metals	7,5	Autumn
TMT5730	Process Metallurgy and Electrolysis, Specialization	22,5	Autumn
TPD4120	Design Project 4 - Form and Function	7,5	Spring
TPD4130	Human - Machine - Interaction	7,5	Spring
TPD5100	Ecodesign, Advanced Course	7,5	Spring
TPG4125	Seismic Wave Propagation	7,5	Autumn
TPG4130	Seismic Interpretation	7,5	Spring
TPG4145	Reservoir Fluids and Flow	7,5	Autumn
TPG4150	Reservoir Recovery Techniques	7,5	Autumn
TPG4160	Reservoir Simulation	7,5	Spring
TPG4165	Geophysical Signal Analysis	7,5	Spring
TPG4177	Carbonate Reservoir Characterization	7,5	Autumn
TPG4195	Gravimetry and Magnetometry	7,5	Autumn
TPG4235	Well Testing, Advanced Course	7,5	Autumn
TPG4240	Reservoir Evaluation	7,5	Spring
TPG4700	Formation Evaluation - Engineering, Specialization	22,5	Autumn
TPG4705	Petroleum Production, Specialization	22,5	Autumn
TPG4710	Drilling Engineering, Specialization	22,5	Autumn
TPG4715	Reservoir Engineering, Specialization	22,5	Autumn
TPG4720	Petroleum Geophysics, Specialization	22,5	Autumn
TPG5100	Applied Mathematics and Computer Methods in Petroleum	7,5	Autumn
TPG5110	Petroleum Economics	7,5	Spring
TPG5120	Petrophysics, Basic Course	7,5	Autumn
TPG5200	Petroleum Engineering and Geoscience, Interdisciplinary Project	7,5	Autumn
TPK4110	Quality and Performance Oriented Management	7,5	Spring

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TPK4150	Data-integrated Manufacturing	7,5	Autumn
TPK4155	Applied Computational Intelligence in Intelligent Manufacturing	7,5	Autumn
TPK4850	Experts in Team, Interdisciplinary Project	7,5	Spring
TPK5100	Project Management 1 - Essentials of Project Management	7,5	Autumn
TPK5110	Quality and Risk Management in Projects	7,5	Autumn
TPK5150	RAMS Optimisation	7,5	Autumn
TPK5155	Maintenance Optimisation and Management	7,5	Autumn
TPK5160	Risk Analysis	7,5	Autumn
TPK5165	RAMS Engineering and Management	7,5	Spring
TT8101	Advanced Information and Communication Theory	7,5	Spring
TT8204	Advanced Microwave Technology	7,5	Spring
TT8302	Room Acoustics	7,5	Autumn
TT8304	Statistical Signal Processing	9	Spring
TT8306	Geoacoustical Modeling and Inversion	7,5	Spring
TT8307	Theoretical Acoustics	7,5	Autumn
TTK4130	Modelling and Simulation	7,5	Spring
TTK4150	Nonlinear Control Systems	7,5	Autumn
TTM4128	Service and Resource Management	7,5	Spring
TTM4145	ICT in Engineering	7,5	Autumn
TTM4160	Software Design for Distributed Real-Time Systems	7,5	Autumn
TTT4125	Information Theory, Coding and Compression	7,5	Autumn
TTT4140	Fundamentals of Navigation	7,5	Autumn
TTT4150	Navigation Systems	7,5	Spring
TVM4150	Solid Waste Management	7,5	Autumn
TVM4155	Hydroinformatics	7,5	Autumn
TVM4160	Material Flow Analysis	7,5	Spring
TVM4162	Industrial Ecology	7,5	Autumn
TVM5105	Hydrology for Hydropower, Basic Course	7,5	Autumn
TVM5115	Planning and Design of Dams, Basic Course	7,5	Autumn
TVM5125	Hydraulic Design, Basic Course	7,5	Autumn
TVM5130	Hydropower Plants, Project Work	15	Spring
TVM5135	The Planning Process of Hydropower Projects, Basic Course	7,5	Autumn
TVM5140	Environmental and Economic Assessment of Hydropower Projects, Basic	7,5	Spring
TVM5150	River System Analysis, Advanced Course	7,5	Autumn
TVM5160	Headworks and Sedimentation Engineering, Advanced Course	7,5	Autumn
TVM5170	The Process of Social Impact Assessment, Advanced Course	7,5	Autumn
AAR4550	Transformation in Built Environments 2. Conservation and Development in	15	Autumn
AAR4825	Survey, Documentation and Analysis of Existing Buildings	7,5	Autumn
AAR5200	Analysis of Field Work for MSc Thesis in Urban Ecological Planning	15	Autumn
AAR5250	Preparation for Fieldwork for Master's Students	7,5	Spring

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Internal code	Course title	Credits	Semester
AAR5300	Urban Ecological Planning in Diverse Cultures	15	Spring
AAR5400	Master of Science Thesis in Urban Ecological Planning	30	Spring

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