Courses taught in English – Autumn semester 2008

Faculty of Social Sciences

HIS-1111	Arctic Norway - Aspects of History – 10 ECTS
SOA-1006	Arctic Norway - Aspects of Culture – 10 ECTS
STV-1006	Arctic Norway - Aspects of Politics, Government and International Relations – 10 ECTS
STV-3018	Global Change in the Arctic (online studies) – 10 ECTS
HIS-3005	Introduction to the History of Indigenous Peoples: Colonisation and Revival -10 ECTS
SOA-3006	Indigenous Culture, Resource Management and Territorial Rights – 10 ECTS
STV-3013	Indigenous Rights, Politics and Institution Building -10 ECTS
SVF-3021	Integrated Peace and Conflict Studies – 20 ECTS
SVF-3027	Restorative Justice - 10 ECTS
SVF-3022	Culture, Conflict and Society – 10 ECTS
SPL-3010	Culture and Planning – 10 ECTS
SVF-3105	Film in Cross-cultural Research – 10 ECTS
PSY-2024	Psychology of Prejudice and Stereotypes – 10 ECTS
PSY-1005	Social Psychology – 10 ECTS
PSY-2020	Attitudes – 10 ECTS

Faculty of Humanities

<u>English</u>

ENG-1016	Introduction to English Sound Patterns – 10 ECTS
ENG-1120	Introduction to American Studies – 10 ECTS
ENG-1122	Introduction to Narrative Literature – 10 ECTS
ENG-2012	Cognitive Linguistics – 10 ECTS
ENG-2030	Language Change and the History of English – 10 ECTS
ENG-2101	Drama – 10 ECTS
ENG-2114	Modernism – 10 ECTS
ENG-3003	English Newspaper Language – 10 ECTS
ENG-3007	English Historical Syntax – 10 ECTS
ENG-3108	Colonial Discourses in British Nineteenth-Century Literature – 10 ECTS
ENG-3130	Nature Writing – 10 ECTS
HIF-3105	Border-Crossing Narratives – 10 ECTS

Linguistics

LIN-1012	Phonology – 10 ECTS
LIN-1020	Semantics – 10 ECTS
LIN-1050	Language Diversity and Typology – 10 ECTS
HIF-3010	Syntax I – 10 ECTS
HIF-3022	Phonology I – 10 ECTS

Russian

RUS-3010	Language and Literature of Ancient Russia – 10 ECTS

Faculty of Law

JUR-3050	General Law of the Sea – 15 ECTS
JUR-3602	EU/EEA-Law – 15 ECTS
JUR-3604	Introduction to Russian Public Law – 15 ECTS
JUR-3605	Indigenous Peoples' Rights – 15 ECTS

Faculty of Science

BIO-3111	GIS and Landscape Ecology – 10 ECTS
BIO-3134	Applied Molecular Genetics – 20 ECTS
BIO-3805	Individual Special Curriculum - Master's Degree – 5 ECTS
BIO-3810	Individual Special Curriculum - Master's Degree – 10 ECTS
BIO-3815	Individual Special Curriculum - Master's Degree – 15 ECTS
BIO-3820	Individual Special Curriculum - Master's Degree – 20 ECTS
BIO-3910	Master's Thesis Biology – 60 ECTS
See also:	BIO-courses at the **Faculty of Medicine** and **The Norwegian College of Fishery Science**

FYS-2006	Signal Processing – 10 ECTS
FYS-2009	Introduction to Plasma Physics – 10 ECTS
FYS-2010	Digital Imaging – 10 ECTS
FYS-2011	Numerical Simulations – 10 ECTS
FYS-2013	Chaos, Fractals and Complexity – 10 ECTS
FYS-3000	Introduction to Satellite and Rockets Techniques and Space Instrumentations - 10 ECTS
FYS-3003	Cosmic Geophysics
FYS-3013	Communications – 10 ECTS

GEO-3104 Advanced Structural Geology – 5 ECTS
GEO-3111 Reconstructing Quaternary Environments – 10 ECTS
GEO-3116 Borehole Data/Reservoir Analysis – 10 ECTS
GEO-3117 Optical mineralogy/Sedimentary petrography – 10 ECTS
GEO-3121 Marine Geology – 10 ECTS
GEO-3122 Micropalaeontology – 5 ECTS
GEO-3123 Marine Geophysics – 10 ECTS
GEO-3125 Signal Analysis in Marine Seismics – 5 ECTS
GEO-3126 Practical seismic processing – 5 ECTS
GEO-3144 Marine geology and geophysics cruise – 5 ECTS
GEO-3150 Current problems in geology – 5 ECTS
GEO-3221 Geology project – 5 ECTSs
GEO-3222 Geology project – 10 ECTS
GEO-3131 Deformation processes – 5 ECTS
GEO-3145 Arctic marine geology and geophysics workshop – 5 ECTS
GEO-3900 Master's Thesis in Geology – 60 ECTS

INF-2301 Computer Communication and Security – 10 ECTS
INF-2700 Databases – 10 ECTS I
INF-3200 Distributed Systems Fundamentals – 10 ECTS
INF-3201 Concurrent and Parallel Programming – 10 ECTS
INF-3791 Telemedicine systems – 10 ECTS
INF-3792 Medical informatics – 10 ECTS
INF-3981 Master's Thesis in Computer Science – 30 ECTS
INF-3982 Capstone Project in Computer Science – 10 ECTS
INF-3983 Capstone Project in Computer Science – 20 ECTS
INF-3990 Master's Thesis in Computer Science – 60 ECTS
INF-3992 Individual Special Curriculum - Master's Degree – 5 ECTS
INF-3993 Individual Special Curriculum - Master's Degree – 10 ECTS
INF-3994 Individual Special Curriculum - Master's Degree – 15 ECTS
INF-3995 Individual Special Curriculum - Master's Degree – 20 ECTS
INF-3996 M.Sc. Thesis in Telemedicine and E-health – 30 ECTS
INF-3997 Master’s Thesis in Telemedicine and E-health – 60 ECTS

KJE-2002 Molecular Structural Chemistry – 10 ECTS
KJE-3101 Quantum Chemistry – 10 ECTS
KJE-3102 Computational Chemistry – 10 ECTS
KJE-3104 Relativistic Quantum Chemistry – 10 ECTS
KJE-3305 Experimental Design and Optimization in Organic Synthesis – 10 ECTS
KJE-3402 Protein Structure – 10 ECTS

KJE-3403 X-ray Crystallography 1 – 10 ECTS
KJE-3805 Individual Special Curriculum - Master's Degree – 5 ECTS
KJE-3810 Individual Special Curriculum - Master's Degree – 10 ECTS
KJE-3815 Individual Special Curriculum - Master's Degree – 15 ECTS
KJE-3820 Individual Special Curriculum - Master's Degree – 20 ECTS
KJE-3900 Master's Thesis in Chemistry – 60 ECTS

MAT-2201 Numerical methods – 10 ECTS
MAT-3200 Continuum Models – 10 ECTS
MAT-3220 Project Paper in Industrial Mathematics – 10 ECTS
MAT-3301 Algebra 3 – 10 ECTS
MAT-3302 Elliptic Curves – 10 ECTS
MAT-3810 Individual Special Curriculum - Master's Degree – 10 ECTS
MAT-3820 Individual Special Curriculum - Master's Degree – 20 ECTS
MAT-3900 Master's Thesis in Mathematics – 60 ECTS
MAT-3921 Master's Thesis in Industrial Mathematics – 30 ECTS

NAB-2005 Northern Natural Resource Use – 10 ECTS
NAB-3001 Project on land use and agriculture in arctic areas – 10 ECTS
NAB-3002 Graduate seminar in arctic natural resource management and agriculture - 10 ECTS
NAB-3004 Ecological management of natural resources – 10 ECTS
NAB-3900 Master's Thesis in Landuse and Agriculture in Arctic Areas – 60 ECTS

STA-3002 Multivariabel Analysis – 10 ECTS
STA-3003 Nonparametric Inference – 10 ECTS
STA-3220 Project Paper in Industrial Mathematics – 10 ECTS
STA-3300 Applied statistics 2 – 10 ECTS
STA-3810 Individual Special Curriculum - Master's Degree – 10 ECTS
STA-3820 Individual Special Curriculum - Master's Degree – 20 ECTS
STA-3900 Master's Thesis in Statistics – 60 ECTS
STA-3921 Master's Thesis in Industrial Mathematics – 30 ECTS

Faculty of Medicine

BIO-3300	Methods in Biochemistry – 10 ECTS
BIO-3303	Histology – 10 ECTS
BIO-3304	Pharmacology – 10 ECTS
BIO-3306	Immunology – 10 ECTS
BIO-3309	Safety in the Laboratory and on Sea and Land Expeditions – 5 ECTS
BIO-3313	Microbial and Molecular Genetics I – 10 ECTS
BIO-3315	Virology – 10 ECTS
BIO-3321	Protein Purification – 10 ECTS
INF-3792	Medical Informatics – 10 ECTS
INF-3791	Telemedicine Systems – 10 ECTS
INF-3200	Distributed Systems Fundamentals – 10 ECTS
TLM-3040	Implementation and Use of EHR and E-health Services – 10 ECTS
TLM-3010	Telemedicine Applications – 10 ECTS

Norwegian College for Fishery Science

BIO-2504	Fish Physiology - – 10 ECTS
BIO-2506	Introduction to Fish Biology – 10 ECTS
BIO-2508	Aquaculture I – 10 ECTS
BIO-2511	Project Thesis in Aquatic Biology – 10 ECTS
BIO-2512	Project Thesis in Aquatic Biology – 20 ECTS
BIO-2515	Introduction to Aquatic Biology – 5 ECTS
BIO-3501	Physical - Biological Interactions – 10 ECTS
BIO-3502	Experimental Design in Aquatic Biology – 10 ECTS
BIO-3502-A	Theoretical Part of BIO-3502 – 5 ECTS
BIO-3505	Ecological Interactions – 10 ECTS
BIO-3506	Top-predatores – 10 ECTS
BIO-3507	Marine Pollution in the Arctic – 10 ECTS
BIO-3508	Ecological Modelling – 10 ECTS
BIO-3516	The Biological Basis of Fisheries Science – 10 ECTS
BIO-3517	Aquatic Ecophysiology – 20 ECTS
BIO-3522	Seminar in Marine Ecology – 5 ECTS
BIO-3541-49	Fish Physiology (special elective) – 5 ECTS
BIO-3556	Fisheries Biology and Harvest Technology – 10 ECTS
BIO-3609	Basic and Comparative Immunology – 10 ECTS
FSK-3006	Model and Data Methods – 10 ECTS
MTE-3001	Fishing Vessel Designs and Technology – 20 ECTS