

List of courses related to different topics important for future teaching within the profile area Light & Materials

12/01/2024

Course/programme	Code	Level
Accelerators and Free-electron lasers	MAXM05/EXTN95	Master
Advanced optics and Lasers	FAFN10	Master
Advanced Processing of Nanostructures	FFN01	Master
An Introduction to Wireless Systems	EITF50	Master
Atomic and Molecular Spectroscopy	FAFN25/FYST14/FAFN25F	Master
Biomaterials - Interaction between Living Tissue and Synthetic Materials	EXTG05	Master
Biomechanics	BMEN05	Master
Biomedical Measurements	EEMF05	Master
Biophotonics	FBRN10/FYST55	Master
Crystal Growth and Semiconductor Epitaxy	FAFN15	Master
Digital IC-design	EITN20	Master
Drug Formulation and Production	KLGN60	Master
Experimental methods and instruments in synchrotron radiation science	MAXM16/EXTN90	Master
High Speed Devices	EITP01	Master
Immunotechnology	KIMN01	Master
Introduction to synchrotron radiation based science	MAXM06	Master
Lab-on-a-chip in Biomedical Applications	EEMN26	Master
Laser-based diagnostics	FBRN05/FYST28/FBR002F	Master
Lasers	FAFN01	Master
Light-matter interaction	FAFN05	Master
Magnetic Materials	FYST53, NFY012F	Master & PhD
Measurement and Modeling of the Central Nervous System Function	EITN65	Master
Medical Optics	FAFN35/FYST22/FAF150F	Master
Medicinal Chemistry	KOKN01	Master
Modern Electronics	EITN70	Master
Modern X-ray Physics	FYST51	Master
Molecular Spectroscopy-Methods and Applications	KEMM29	Master
Molecular physics	FYST36	Master
Neurobiology	EXTN65	Master
Neuroengineering	BMEN30	Master
Optics and optical design	FAFF01	Master
Optoelectronics and optical communication	FFN25	Master
Photon and neutron production for science	MAXC11/EXTF90	Master
Physics for Biomedicine	FAFF45	Bachelor
Quantum information	FAFN40	Master
Semiconductor Physics	FFN30	Master
Sensory Biology	EXTN30	Master
Solid State Theory	EXTP90	Master
Spectroscopy and dynamics	KEMB29	Bachelor
Spectroscopy and the Quantum Description of Matter	FYST65/NAFY006	Master, PhD
Tissue Biomechanics	BMEN10	Master
Ultrasound Physics and Technology	EEMN15	Master
Fysikalisk kemi - grundkurs	KEMB09	Bachelor
Analytisk kemi	KEMB16	Bachelor
Organisk kemi	KEMB21	Bachelor
Molecular driving forces and chemical bonding	KEMM30	Master
Magnetic resonance - Spectroscopy and imaging	KEMM57	Master
Scattering Methods	KEMM67	Master
Introduction to biomaterials	KEMA91	Bachelor
XAS-School	NKE018F	PhD
Environmental Biotechnology	KBTF11	Bachelor
Sustainable Chemistry and Biotechnology	KBTF06	Bachelor
Environmental Chemistry	KASF01	Bachelor
Materials Chemistry	KASM10	Master
Polymer Chemistry	KASN25	Master

Course/programme	Code	Level
Functional Materials	KASF10	Bachelor
Materials and Polymer Technology	KASF05	Bachelor
Masters programme in Physics, Material Science	NAFYK-MAVE	Master
Master's Programme in Physics, X-ray and Neutron Science	NAFY-XRAY	Master