Dograd Brogramme	Code	Course unit name	Con	Daried	Form of teaching / Method	Other information
Degree Programme Bachelor's programme in Science	Code BSPH4001	Course unit name Sustainability in Space	Scope 2 cr	Period 14. periods	of completion Online teaching	Other information -
Bachelor's Programme in Chemistry	KEK209	Labworks in organic chemistry 1: Qualitative analysis, p 1	5 cr	1. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK225	Radiochemistry	5 cr	1. period	contact teaching	-
Bachelor's programme in Computer Science	TKT20010	Algorithms and Artificial Intelligence Project	4 cr	1. period	Blended teaching	-
					including both contact and distance teaching (aka.	
Bachelor's Programme in Geosciences	GEOK3001	Geo-Python	5 cr	1. period	blended teaching)	-
						Lectures in Finnish, exercises in Finnish and English. The course can be completed by doing exercises and exam in English. Students of geosciences are prioritized in
Bachelor's programme in Geosciences Bachelor's programme in Geosciences	GEOK2032 GEOK2022	Introduction to Solid Earth Geophysics Introduction to Geochemistry	5 cr 5 cr	1. period 1. period	Contact teaching Contact teaching	registration.
Bactieior's programme in deosciences	GEORZUZZ	introduction to deochemistry	3 (1	1. period	online teaching (not time-	-
Bachelor's Programme in Mathematical Sciences	MAT12001	Basics of statistics and R I	5 cr	1. period	bound)	-
Bachelor's Programme in Mathematical Sciences	MAT11006	Calculus IA: Limits and differentiation	5 cr	1. period	online teaching (not time- bound)	_
Bachelor's Programme in Mathematical Sciences	MAT22001	Probability IIa	5 cr	1. period	contact teaching	-
Bachelor's Programme in Mathematical Sciences	MAT22015	Stochastic processes	5 cr	1. period	contact teaching	-
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences	FYS2010 FYS2061	Mathematical Methods of Physics Ia Quantum mechanics Ia	5 cr	1. period 1. period	Contact teaching Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2001	Aerosol physics I	5 cr	1. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2073	Fluid Phenomena	5 cr	1. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2081	Cosmology I	5 cr	1. period	Contact teaching	-
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences	FYS2083 FYS2088	Introduction to nanoscience Introduction to molecular dynamics simulations	5 cr	1. period 1. period	Contact teaching Contact teaching	-
Bachelor's programme in Science	BSMA1001	Linear algebra and complex numbers	5 cr	1. period	Contact teaching	-
Bachelor's programme in Science	BSMA2002	Introduction to vector analysis	5 cr	1. period	Contact teaching	-
					Blended teaching (includes both contact and distance	Computer Science exchange students have
Bachelor's programme in Science	BSCS1005	Introduction to Databases	5 cr	1. period	teaching)	priosity over other exchange students.
Bachelor's programme in Science Bachelor's programme in Science	BSPH1003 BSCH2002	Electromagnetism Resolving structure of molecules	5 cr	1. period 1. period	Contact teaching Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS1016	Laboratory Exercises in Basic Studies of Physics I	2 cr	12. period	Contact teaching	
						Teaching language Finnish but exercises and exam also available in English. The course can be completed by doing
Bachelor's Programme in Physical Sciences	FYS2033	Ilmakehän virtausdynamiikan perusteet	10 cr	12. period	Contact teaching	exercises and exam in English.
Bachelor's programme in Computer Science Bachelor's programme in Computer Science	TKT200151 TKT20010	Computing and Society: an introduction Algorithms and Artificial Intelligence Project	2 cr 4 cr	14. periods	Online teaching Blended teaching	-
Dachelor 5 programme in Computer Science	11/1/20010	Algoritantis and Artificial intelligence Project	4 CI	2. period	online teaching (not time-	
Bachelor's Programme in Mathematical Sciences	MAT12002	Basics of statistics and R II	5 cr	2. period	bound)	-
Parket I Programme State I was a second		Called and the contract		n	online teaching (not time-	
Bachelor's Programme in Mathematical Sciences Bachelor's Programme in Mathematical Sciences	MAT11007 MAT22002	Calculus IB: Integration Probability IIb	5 cr 5 cr	2. period 2. period	bound) contact teaching	-
Bachelor's Programme in Mathematical Sciences	MAT22013	Statistical inference IIa	5 cr	2. period	contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2011	Mathematical Methods of Physics Ib	5 cr	2. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2015	Statistinen mekaniikka	5 cr	2. period	Contact teaching	Teaching language Finnish but exercises and exam also available in English. The course can be completed by doing exercises and exam in English.
Bachelor's Programme in Physical Sciences	FYS2062	Quantum mechanics Ib	5 cr	2. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2084	Fundamentals of Materials Science	5 cr	2. period	Contact teaching	-
Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2085 BSMA1002	Scientific computing II Calculus IA: Limits and differentiation	5 cr	2. period	Contact teaching Contact teaching	
Bachelor's programme in Science	BSPH1004	Radiation fields and photons	5 cr	2. period 2. period	Contact teaching	
					Blended teaching (includes both contact and distance	
Bachelor's programme in Science Bachelor's programme in Science	BSPH2003 BSPH2004	Physical basis of computing	5 cr 5 cr	2. period	teaching) Contact teaching	-
Bachelor's programme in Science	BSCH1004	Introduction to quantum physics Inorganic Chemistry	5 cr	2. period 2. period	Contact teaching	-
					Blended teaching (includes both contact and distance	
Bachelor's programme in Science	BSCH2001	Organic Chemistry 2	5 cr	2. period	teaching)	-
Bachelor's Programme in Chemistry	KEK207	Labworks in inorganic chemistry 1: Reactions and analytical work, p 3	5 cr	3. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK208 TKT20016	Labworks in inorganic chemistry 2: Analysis project, p 3	5 cr	3. period	contact teaching	-
Bachelor's programme in Computer Science Bachelor's programme in Computer Science	TKT20016	Computing platforms Algorithms and Artificial Intelligence Project	5 cr 4 cr	3. period 3. period	Contact teaching Blended teaching	-
		<u>u</u>				
Bachelor's programme in Computer Science	TKT21026	Network programming	5 op	3. period	Contact teaching	Computer Science exchange students have priority over other exchange students.
Bachelor's programme in Computer Science	TKT21026	Test-Driven Development	4 cr	3. period	Online teaching	-
Bachelor's programme in Computer Science	TKT21041	Test-Driven Development: Full Stack	1 cr	3. period	Online teaching	-
Bachelor's programme in Geosciences	GEOK2023	Structural Geology	5 cr	3. period	Contact teaching online teaching (not time-	-
Bachelor's Programme in Mathematical Sciences	MAT11008	Advanced calculus	5 cr	3. period	bound)	-
Bachelor's Programme in Mathematical Sciences	MAT11009	Basics of mathematics in machine learning I	5 cr	3. period	contact teaching	-
Bachelor's Programme in Mathematical Sciences	MAT12001	Basics of statistics and R I	5 cr	3. period	online teaching (not time- bound)	
Bachelor's Programme in Mathematical Sciences	MAT22005	Bayesian inference	5 cr	3. period	contact teaching	
2. 4. 4. 4. 2					online teaching (not time-	
Bachelor's Programme in Mathematical Sciences Bachelor's Programme in Mathematical Sciences	MAT21014 MAT22014	Introduction to Logic I Statistical inference IIb	5 cr 5 cr	3. period 3. period	bound) contact teaching	
Bachelor's Programme in Physical Sciences	FYS2008	Physics Intermediate Studies Laboratory Exercises I	5 cr	3. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2012	Mathematical Methods of Physics IIa	5 cr	3. period	Contact teaching	
Bachelor's Programme in Physical Sciences	FYS2016	Elektrodynamics I	5 cr	3. period	Contact teaching	Teaching language Finnish but exercises and exam also available in English. The course can be completed by doing
						exercises and exam in English.
Bachelor's Programme in Physical Sciences	FYS2019	Kvanttistatistiikka	5 cr	3. period	Contact teaching	exercises and examini English.
Bachelor's Programme in Physical Sciences	FYS2078	Environmental Problems, Physics and Chemistry	5 cr	3. period	Contact teaching	-
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences	FYS2078 FYS4018	Environmental Problems, Physics and Chemistry Universe Now	5 cr 3 cr	3. period 3. period	Contact teaching Contact teaching	exercises and examini English.
Bachelor's Programme in Physical Sciences	FYS2078 FYS4018 BSMA1003 BSMA1004	Environmental Problems, Physics and Chemistry	5 cr	3. period	Contact teaching	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA1006	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I	5 cr 3 cr 5 cr 5 cr 5 cr	3. period 3. period 3. period 3. period 3. period 3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching	exercises and examini riggish.
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004	Environmental Problems, Physics and Chemistry Universe Now Calculus IIB: Integration Advanced calculus	5 cr 3 cr 5 cr 5 cr	3. period 3. period 3. period 3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching (includes	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA1006 BSMA2003	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching (includes both contact and distance	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA1006	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I	5 cr 3 cr 5 cr 5 cr 5 cr	3. period 3. period 3. period 3. period 3. period 3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching (includes	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA1006 BSMA2003	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Contact teaching	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA2003 BSCS10031 BSPH1001	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I Interactions and bodies	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching Blended teaching (includes both contact and distance teaching) Contact teaching	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1006 BSMA2003 BSCS10031 BSPH1001 BSPH2001	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I Interactions and bodies Basics of thermophysics Applications of quantum physics I: atoms and molecules	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching Gontact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Blended teaching (includes both contact teaching Blended teaching (includes both contact and distance teaching)	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1004 BSMA2003 BSCS10031 BSPH1001 BSPH2001	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I Interactions and bodies Basics of thermophysics Applications of quantum physics I: atoms and molecules Atoms, Molecules and Interactions	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1006 BSMA2003 BSCS10031 BSPH1001 BSPH2001	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I Interactions and bodies Basics of thermophysics Applications of quantum physics I: atoms and molecules	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	3. period	Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Contact teaching Blended teaching Gontact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Blended teaching (includes both contact teaching Blended teaching (includes both contact and distance teaching)	- -
Bachelor's Programme in Physical Sciences Bachelor's Programme in Physical Sciences Bachelor's programme in Science	FYS2078 FYS4018 BSMA1003 BSMA1006 BSMA2003 BSCS10031 BSPH1001 BSPH2001 BSPH2001 BSPH2005 BSCH1001 BSCH1001	Environmental Problems, Physics and Chemistry Universe Now Calculus IB: Integration Advanced calculus Probability Calculus I Measure and integration Data structures and Algorithms I Interactions and bodies Basics of thermophysics Applications of quantum physics I: atoms and molecules Atoms, Molecules and Interactions Organic Chemistry 1	5 cr 3 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5	3. period	Contact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Blended teaching (includes both contact and distance teaching) Contact teaching Contact teaching Contact teaching Contact teaching	- -

					Blended teaching (includes	
					both contact and distance	Computer Science exchange students have
Bachelor's programme in Science	BSCS1006	Computer and Internet	5 cr	34. period	teaching)	priority over other exchange students.
Bachelor's Programme in Chemistry	KEK205	Biological chemistry	5 cr	4. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK207	Labworks in inorganic chemistry 1: Reactions and analytical work, p 4	5 cr	4. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK208	Labworks in inorganic chemistry 2: Analysis project, p 4	5 cr	4. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK210	Labworks in organic chemistry 2: Synthesis, p 4	5 cr	4. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK222	Computational chemistry	5 cr	4. period	contact teaching	-
Bachelor's Programme in Chemistry	KEK228	Bioinorganic chemistry	5 cr	4. period	contact teaching	-
Bachelor's programme in Computer Science	TKT200152	Computing and Society: continuation course (online)	3 cr	4. period	Online teaching	
Bachelor's programme in Computer Science	TKT20010	Algorithms and Artificial Intelligence Project	4 cr	4. period	Blended teaching	-
Bachelor's programme in Computer Science	TKT21036	DevOps with Docker	1 cr	4. period	Distance teaching	
Bachelor's programme in Computer Science	TKT21037	DevOps with Docker: docker-compose	1 cr	4. period	Distance teaching	-
Bachelor's programme in Computer Science	TKT21038	DevOps with Docker: security and optimization	1 cr	4. period	Distance teaching	
Bachelor's Programme in Mathematical Sciences	MAT11015	Basics of mathematics in machine learning II	5 cr	4. period	contact teaching	
bacifelor 3 r ogramme in Watternation Sciences	111111111111111111111111111111111111111	basics of madicinates in macinic rearring in	3 61	period	online teaching (not time-	
Bachelor's Programme in Mathematical Sciences	MAT21015	Introduction to Logic II	5 cr	4. period	bound)	
bachelor 3 i rogramme in wathematical sciences	WA121013	introduction to Edgic II	30	4. periou	online teaching (not time-	
Bachelor's Programme in Mathematical Sciences	MAT21002	Series	5 cr	4. period	bound)	
Bachelor's Programme in Mathematical Sciences	MAT12004 FYS2013	Statistical inference I	5 cr 5 cr	4. period	contact teaching	-
Bachelor's Programme in Physical Sciences		Mathematical Methods of Physics IIb		4. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2017	Elektrodynamics II	5 cr	4. period	Contact teaching	•
Bachelor's Programme in Physical Sciences	FYS2076	Basic course in hydrology	5 cr	4. period	Contact teaching	-
Bachelor's Programme in Physical Sciences	FYS2029	Quantum Computing	5 cr	4. period	Contact teaching	-
Bachelor's programme in Science	BSMA2001	Linear algebra and matrices II	5 cr	4. period	Contact teaching	-
Bachelor's programme in Science	BSMA2007	Differential equations	5 cr	4. period	Contact teaching	-
						Computer Science exchange students have
Bachelor's programme in Science	BSCS2004	Models of Computation	5 cr	4. period	Contact teaching	priority over other exchange students.
					Blended teaching (includes	
					both contact and distance	
Bachelor's programme in Science	BSCS2006	Data structures and Algorithms II	5 cr	4. period	teaching)	
				,	<u> </u>	
						Computer Science exchange students have
Bachelor's programme in Science	BSCS2011	Programming for Performance		4. period	Contact teaching	priority over other exchange students.
			5 cr			
Bachelor's programme in Science	BSPH1002	Matter and interactions	5 cr	4. period	Contact teaching	-
Bachelor's programme in Science Bachelor's programme in Science	BSPH1002 BSPH2002	Matter and interactions Thermodynamic potentials	5 cr 5 cr	4. period 4. period	Contact teaching Contact teaching	
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science	BSPH1002 BSPH2002 BSPH2006	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles	5 cr 5 cr 5 cr	4. period 4. period 4. period	Contact teaching Contact teaching Contact teaching	-
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium	5 cr 5 cr 5 cr 5 cr	4. period 4. period 4. period 4. period	Contact teaching Contact teaching Contact teaching Contact teaching	-
Bachelor's programme in Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming 1	5 cr 5 cr 5 cr 5 cr 5 cr	4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching	-
Bachelor's programme in Science Bachelor's programme in Computer Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	4. period 4. period 4. period 4. period all year around all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching	
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr	4. period 4. period 4. period 4. period all year around all year around all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI Elements of AI: Suilding AI - Intermediate	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr	4. period 4. period 4. period 4. period all year around all year around all year around all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to Al Elements of Ai: Suilding AI - Intermediate Elements of Ai: Building AI - Advanced	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr	4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI Elements of AI: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr	4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21031 TKT210281 TKT210282 TKT21031 TKT21039	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to AI Elements of Ai: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI Core SG and Beyond	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr	4. period 4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI Elements of AI: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr	4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Online teaching Will be specified later	
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031 TKT21039 TKT200991	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to AI Elements of Ai: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI Core SG and Beyond	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr	4. period 4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Online teaching	
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031 TKT21039 TKT21039	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to AI Elements of Ai: Building AI - Intermediate Elements of Ai: Suilding AI - Advanced Ethics of AI Core SG and Beyond Cyber Security Base: Introduction to Cyber Security	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr 1 cr	4. period 4. period 4. period 4. period all year around	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Will be specified later Will be specified later	· · · · · · · · · · · · · · · · · · ·
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031 TKT21039 TKT200991	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI Elements of AI: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI Core SG and Beyond Cyber Security Base: Introduction to Cyber Security Cyber Security Base: Securing Software	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr 1 cr 2 cr 3 cr	4. period 4. period 4. period 4. period 4. period all year around all year around, excluding January all year around, excluding January	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Unline teaching Online teaching Online teaching Unline teaching	· · · · · · · · · · · · · · · · · · ·
Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21018 TKT210281 TKT210282 TKT21031 TKT21039 TKT200991	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of AI: Introduction to AI Elements of AI: Building AI - Intermediate Elements of AI: Building AI - Advanced Ethics of AI Core SG and Beyond Cyber Security Base: Introduction to Cyber Security Cyber Security Base: Securing Software	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr 1 cr 2 cr 3 cr	4. period 4. period 4. period 4. period all year around all year around, excluding January all year around, excluding January all year around, excluding January	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Will be specified later Will be specified later	· · · · · · · · · · · · · · · · · · ·
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21038 TKT210281 TKT210282 TKT210282 TKT21039 TKT200091 TKT200092 TKT200093	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to AI Elements of Ai: Building AI - Intermediate Elements of Ai: Suilding AI - Advanced Ethics of AI Core SG and Beyond Cyber Security Base: Introduction to Cyber Security Cyber Security Base: Securing Software Cyber Security Base: Course Project I	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr 1 cr 2 cr 1 cr 1 cr 2 cr	4. period 4. period 4. period 4. period 3. period 3. period 3. per around 3. per around, excluding January 3. per around, excluding January 4. per around per aroun	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Will be specified later Will be specified later online teaching (not time- online teaching (not time-	· · · · · · · · · · · · · · · · · · ·
Bachelor's programme in Science Bachelor's programme in Computer Science	BSPH1002 BSPH2002 BSPH2006 BSCH1002 TKT21029 TKT21030 TKT21038 TKT210281 TKT210282 TKT210282 TKT21039 TKT200091 TKT200092 TKT200093	Matter and interactions Thermodynamic potentials Applications of quantum physics II: solid state and elementary particles Energy, Reactivity and Chemical Equilibrium Functional Programming I Functional Programming II Elements of Ai: Introduction to AI Elements of Ai: Building AI - Intermediate Elements of Ai: Suilding AI - Advanced Ethics of AI Core SG and Beyond Cyber Security Base: Introduction to Cyber Security Cyber Security Base: Securing Software Cyber Security Base: Course Project I	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 2 cr 1 cr 2 cr 2 cr 1 cr 2 cr 1 cr 1 cr 2 cr	4. period 4. period 4. period 4. period 4. period all year around all year around, excluding January all year around, excluding January all year around, excluding January tectures in period 1, other times on own	Contact teaching Contact teaching Contact teaching Contact teaching Distance teaching Distance teaching Distance teaching Online teaching Online teaching Online teaching Online teaching Online teaching Will be specified later Will be specified later Will be specified later online teaching (not time-bound)	· · · · · · · · · · · · · · · · · · ·
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