Applied Microbiology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KMB023	7.5	G2	B, MBIO, MLIV	X	E1	Food Microbiology		KS KE U W T	30	20	20	0	130															
KMB040	7.5	A	B, MBIO	X	E	Metabolic engineering	X	KS KE U W T	Course on hold																			
KMBN01	15	A	B, MBIO	X	E	Project in Molecular Biotechnology		KS KE U W T	20	10	0	30	130	10	20	20	30	130										
KMB060	7.5	G1	B	-	S	Microbiology		KS KE U W T						30	5	25	0	140										
KMBF01	15	G2	W	X	E	Molecular Cell Biology		KS KE U W T											50	20	50	0	280					
KMB031	7.5	G2	B, K, MBIO, MLIV	X	E1	Quality and Product Safety		KS KE U W T											56	0	0	16	68					

KMB040 (B, MBIO) Metabolic engineering: *The course is offered every other academic year and will next be offered in 2014/15.*

Biophysicalic Chemistry

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KFKA05	7.5	G1	B	-	S	Molecular Driving Forces 1: Thermodynamics		KS KE U W T	28	28	20	0	60															
KFK080	7.5	G1	K, Pi	-	S	Thermodynamics		KS KE U W T	28	28	20	0	60															
KFKA01	10	G1	W	-	S	Thermodynamics and Surface Chemistry		KS KE U W T	40	40	20	0	80															
KFK032	7.5	A	B, K	X	E1	Biophysical Chemistry		KS KE U W T						38	14	15	0	60										
KFKN01	7.5	A	B, K, N	X	E	Magnetic Resonance - Spectroscopy and Imaging		KS KE U W T											28	28	20	0	50					
KFKF01	7.5	G2	B	-	S	Molecular Driving Forces 2: Interactions and Dynamics		KS KE U W T																28	28	20	0	60
KFK090	7.5	G2	K, N, Pi	-	S	Molecular Interactions and Dynamics		KS KE U W T																28	28	20	0	60

Biotechnology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KBTN01	7.5	A	B, MBIO, MLIV, N	X	E	Bio Analytical Chemistry		KS KE U W T	30	0	50	0	80															
KBTA01	7	G1	B	-	S	Biotechnology, Project		KS KE U W T	6	4	0	0	0	12	20	0	20	50	4	10	0	10	20	0	0	0	10	0
KBT115	7.5	G2	K, MBIO, W	X	E1	Bioprocess Technology	X	KS KE U W T	36	8	45	0	90															
KBT115			B				X																		36	8	45	0	90
KBT080	7.5	G2	B, MBIO, MLIV, W	X	E	Environmental Biotechnology		KS KE U W T						24	0	35	0	50											
KBT060	7.5	G2	B, K, MBIO	X	E	Separations in Biotechnology		KS KE U W T						25	5	40	0	80											
KBTF05	7.5	G2	MBIO, MLIV	X	E	Green Chemistry and Biotechnology		KS KE U W T											28	18	0	20	200						
KBT042	15	A	B, MBIO	X	E1	Biotechnology, Process and Plant Design		KS KE U W T											20	52	0	0	100	0	52	0	0	100

KBT115 (B) Bioprocess Technology: *The course is given in Swedish in study period 4 for the B program, year 3.*
KBT115 (K) Bioprocess Technology: *The course is given in Swedish in study period 4 for the K program, year 3.*
KBT115 (MBIO) Bioprocess Technology: *The course is given in English in study period 1 for exchange and master students.*
KBT115 (W) Bioprocess Technology: *The course is given in English in study period 1 for the W programme*

Centre for Analysis and Synthesis (CAS)

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KAKF01	9	G2	B, K	-	S	Analytical Chemistry		KS KE U W T	32	14	24	1	150															
KOO045	7.5	A	K, N	X	E1	Materials Chemistry		KS KE U W T	42	28	0	0	100															
KOKN01	7.5	A	B, K, N	X	E1	Medicinal Chemistry		KS KE U W T	56	10	0	0	100															
KTE080	7.5	A	K, N	X	E1	Polymer Chemistry		KS KE U W T	26	10	34	0	120															
KOO101	9	G1	B, K	-	S	Fundamental Chemistry		KS KE U W T	28	14	15	0	50	32	16	10	0	56										
KAK050	7.5	A	B, K, MBIO, MLIV	X	E1	Chromatographic Analysis		KS KE U W T						36	10	20	1	135										
KOO105	7.5	G2	K, N	X	E	Materials Analysis at the Nanoscale		KS KE U W T						56	10	0	0	100										
KOKA10	7	G1	W	-	S	Organic Chemistry		KS KE U W T						42	14	16	0	100										
KOKN05	7.5	A	B, K	X	E1	Organic Chemistry - Theory		KS KE U W T						38	22	0	0	100										
KOK032	7.5	G2	B, K	X	E1	Environmental Chemistry		KS KE U W T											54	28	0	0	80					
KOKA01	7.5	G1	N	-	S	General and Inorganic Chemistry		KS KE U W T											38	20	8	0	112					
KOO022	7.5	G1	B, K	-	S	Inorganic Chemistry		KS KE U W T											28	28	25	0	70					
KOOA01	5	G1	W	-	S	Introductory Chemistry		KS KE U W T											40	16	0	0	80					
KPO010	7.5	A	K, N	X	E	Polymer Physics		KS KE U W T											20	8	42	2	120					
KOK012	9	G1	B, K	-	S	Organic Chemistry, Basic Course		KS KE U W T											20	10	0	0	20	26	4	36	0	30
KASN01	15	A	B, K, N	X	E1	Project in Chemistry		KS KE U T											0	0	80	40	100	0	0	80	40	100
KOOF01	5	G2	W	X	E	Applied Aquatic Chemistry		KS KE U W T																19	28	10	0	76
KOO095	7.5	G2	N	-	S	Functional Materials		KS KE U W T																56	14	0	0	90
KOOA05	8	G1	BI	-	S	General Chemistry		KS KE U W T																42	28	0	0	110
KOO052	7.5	G2	B, K	-	S	Materials and Polymer Technology		KS KE U W T																56	0	0	14	80
KOO065	7.5	A	K, N	-	E1	Microscopic Characterization of Materials		KS KE U W T																14	0	70	0	80
KOKA05	5	G1	N	-	S	Organic Chemistry		KS KE U W T																42	20	12	0	100
KOKA15	7.5	G1	BME	-	S	Organic Chemistry		KS KE U T																46	22	12	12	100

Department of Chemistry

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KKK000	15	A	B, K, MBIO, MLIV, MWLU	X	E1	Advanced course in one or more subjects	X	KS KE U W	0	0	0	0	400															
KKK000			B, K, MBIO, MLIV, MWLU				X							0	0	0	0	400										
KKK000			B, K, MBIO, MLIV, MWLU				X												0	0	0	0	400						
KKK000			B, K, MBIO, MLIV, MWLU				X																	0	0	0	0	400

KKK000 (B, K, MBIO, MLIV, MWLU) Advanced course in one or more subjects: *The course is not linked to a specific study period. The data on hours (time table) implies that the course is over one study period. An individual plan should be drawn up and approved.*

Pure and Applied Biochemistry

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	13/14 sp1					13/14 sp2					13/14 sp3					13/14 sp4				
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KBKA01	6	G1	B	-	S	Introduction to Biochemistry		KS KE U W T	26	6	0	0	100															
KBK050	7.5	A	B, MBIO	X	E1	Protein Engineering		KS KE U W T	20	10	40	0	130															
KBK031	7.5	A	B, MBIO, MLIV	X	E1	Enzyme Technology		KS KE U W T						22	6	56	0	84										
KBKA05	7.5	G1	K	-	S	Technical Biology		KS KE U W T						28	6	32	0	100										
KBK011	7.5	G1	B	-	S	Biochemistry		KS KE U W T											30	8	40	0	120					
KBK070	7.5	G2	B	-	S	Cell biology		KS KE U W T											20	8	30	0	142					
KBK075	7.5	A	B, MBIO	X	E1	Bioinformatics		KS KE U W T																24	28	0	0	128
KBK041	7.5	G2	B, MBIO	X	E	Gene Technology		KS KE U W T																26	10	40	0	120

Bachelor's Projects of the Department

The list contains the bachelor's projects which are given by the department and which programme each bachelor's project is included in. The list is not necessarily complete before the academic year 2016/17.

				Links
Course Code	**Credits**	**Programme**	**Course Name**	
KMBL01	15	B	Bachelor Project in Applied Microbiology	KS KE U
KFKL01	15	B, K	Bachelor Project in Biophysical Chemistry	KS KE U
KBTL01	15	B	Bachelor Project in Biotechnology	KS KE U
KOOL01	15	K	Bachelor Project in Materials Chemistry	KS KE U
KOKL01	15	B, K	Bachelor Project in Organic Chemistry	KS KE U
KPOL01	15	K	Bachelor Project in Polymer Technology	KS KE U
KAKL01	15	B, K	Bachelor Project in Technical Analytical Chemistry	KS KE U
KBKL01	15	B	Bachelor Project in Applied Biochemistry	KS KE U W

Degree Projects of the Department

The list contains the degree projects which are given by the department and which programme each degree project is included in.

Course Code	Credits	Programme	Course Name	Links
KMBM01	30	MBIO, MLIV	Degree Project in Applied Microbiology	KS KE U
KMB820	30	B, K, N	Degree Project in Applied Microbiology for Engineers	KS KE U
KFK920	30	B, K, N	Degree Project in Biophysical Chemistry	KS KE U W
KFKM01	30	MBIO	Degree Project in Biophysical Chemistry	KS KE U
KBTM01	30	MBIO, MLIV	Degree Project in Biotechnology	KS KE U
KBT820	30	B, K, N, W	Degree Project in Biotechnology for Engineers	KS KE U W
KOO920	30	B, K, N	Degree Project in Materials Chemistry for Engineers	KS KE U
KOK820	30	B, K, N	Degree Project in Organic Chemistry for Engineers	KS KE U W
KTE720	30	B, K, N	Degree project in Polymer Technology	KS KE U
KAK820	30	B, K, N	Degree Project in Technical Analytical Chemistry	KS KE U
KAKM01	30	MBIO, MFIPDES	Degree Project in Technical Analytical Chemistry	KS KE U
KBKM01	30	MBIO, MLIV	Degree Project in Applied Biochemistry	KS KE U
KBK820	30	B, N	Degree Project in Applied Biochemistry for Engineers	KS KE U W