

Applied Microbiology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21 sp1				20/21 sp2				20/21 sp3				20/21 sp4																		
				S.Ex. stud.					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S											
KMBF05	7.5	G2	B , MBIO , MLIV	X	E	Food Microbiology		KS KE U W T	30	20	20	0	130																										
KMBN05	7.5	A	B , MBIO	X	E	Metabolic Engineering		KS KE U W T	34	12	40	0	54																										
KMBN02	15	A	K	X	E	Project in Life Science		KS KE U W T	16	4	10	16	130	4	0	60	16	130																					
KMBN02			B , MBIO				X		16	4	10	16	130	4	0	60	16	130																					
KMBA01	7.5	G1	B	-	S	Microbiology		KS KE U W T						30	5	25	0	140																					
KMBF10	7.5	G2	B , K , MBIO , MLIV , MLAK	X	E	Quality and Product Safety	X	KS KE U W T											56	0	0	16	68																
KMBF01	15	G2	W	X	E	Molecular Cell Biology		KS KE U W T											38	6	50	0	180	12	14	0	0	100											

[KMBN02](#) ([MBIO](#)) Project in Life Science: Students admitted autumn 2014 and later must complete and pass at least one of the courses [KMBN02](#) or [KBTN10](#) in order to qualify for their Master's degree.

[KMBF10](#) ([MLIV](#)) Quality and Product Safety: Students admitted autumn 2019 and later must complete and pass at least one of the courses [FMIF20](#), [KIIF01](#) or [KMBF10](#) in order to qualify for their Master's degree.

[KMBF10](#) ([MLAK](#)) Quality and Product Safety: Students must complete and pass at least two of the courses [KASN45](#), [KFKN10](#), [KOKN05](#), [KMBF10](#), [KIMN01](#) or [KFKN05](#) in order to qualify for their Master's degree.

Biophysical Chemistry

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21				20/21				20/21				20/21							
				S.Ex. stud.					sp1	sp2	sp3	sp4	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F
KBTF15	7.5	G2	K , MBIO , W	X	E1	Bioprocess Technology	X	KS KE U W T	36	8	45	0	90															
KBTF15			B				X																36	8	45	0	90	
KBTN05	7.5	A	B , K , MBIO , MLIV , W , MLAK	X	E	Downstream Processing in Biotechnology		KS KE U T						20	28	16	0	90										
KBTF10	7.5	G2	B , MBIO , MLIV , W	X	E	Environmental Biotechnology		KS KE U W T						35	0	45	0	120										
KBTN01	7.5	A	B , MBIO , MLIV , N , MLAK	X	E	Bio Analytical Chemistry		KS KE U W T											26	14	40	5	80					
KBTF05	7.5	G2	B , MBIO , MLIV	X	E	Green Chemistry and Biotechnology		KS KE U W T											28	18	0	20	200					
KBTN10	15	A	MBIO	X	E1	Biotechnology, Process and Plant Design	X	KS KE U W T											20	52	0	0	100	0	52	0	0	100
KBTN10			B																20	52	0	0	100	0	52	0	0	100

[KBTF15](#) ([B](#)) Bioprocess Technology: *The course is given in Swedish in study period 4 for the B program, year 3.*

[KBTF15](#) ([K](#)) Bioprocess Technology: *The course is given in English in study period 1 for the K program.*

[KBTF15](#) ([MBIO](#)) Bioprocess Technology: *The course is given in English in study period 1 for exchange and master students.*

[KBTF15](#) ([W](#)) Bioprocess Technology: *The course is given in English in study period 1 for the W programme*

[KBTN10](#) ([MBIO](#)) Biotechnology, Process and Plant Design: *Students admitted autumn 2014 and later must complete and pass at least one of the courses [KMBN02](#) or [KBTN10](#) in order to qualify for their Master's degree.*

Centre for Analysis and Synthesis (CAS)

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21 sp1				20/21 sp2				20/21 sp3				20/21 sp4							
				S.Ex. stud.					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
KAKF05	7.5	G2	K	-	S	Analytical Chemistry		KS KE U W T	30	10	24	1	150															
KAKF05			B											30	10	24	1	150										
KASA01	9	G1	W	-	S	Fundamental Chemistry		KS KE U W T	50	30	10	0	150															
KASN10	7.5	A	K , N	X	E1	Materials Chemistry		KS KE U W T	42	12	0	16	100															
KOKN01	7.5	A	B , K , N , MLAK	X	E1	Medicinal Chemistry		KS KE U W T	56	10	0	0	100															
KASN25	7.5	A	K , N	X	E	Polymer Chemistry		KS KE U W T	26	10	34	0	120															
KASN45	7.5	A	B , K , MBIO , MLIV , MLAK	X	E1	Advanced Analytical Chemistry	X	KS KE U T						36	10	20	1	135										
KASN05	7.5	A	B , K , MBIO , MLIV	X	E1	Chromatographic Analysis		KS KE U W T	Examinations only																			
KOOA20	7.5	G1	B , K	-	S	Introductory Chemistry		KS KE U W T						42	14	15	0	80										
KASF15	7.5	G2	K , MNAV , N	X	E	Materials Analysis at the Nanoscale		KS KE U W T						42	12	6	0	100										
KOKN05	7.5	A	B , K , N , MLAK	X	E1	Organic Chemistry - Theory	X	KS KE U W T						38	22	0	0	100										
KASN20	7.5	A	K , N	X	E1	Polymer Physics		KS KE U W T						20	8	42	2	120										
KASF01	7.5	G2	B , K	X	E1	Environmental Chemistry		KS KE U W T											54	28	0	0	80					
KOKA20	7.5	G1	BME	-	S	General and Organic Chemistry		KS KE U W T											30	20	8	0	112					
KOOA15	7.5	G1	B , K	-	S	General Chemistry		KS KE U W T											42	28	15	0	80					
KASA10	7.5	G1	B , K	-	S	Inorganic Chemistry		KS KE U W T											28	28	25	0	70					
KASA05	5	G1	W	-	S	Organic Chemistry		KS KE U W T											32	8	8	0	100					
KOKA30	12	G1	N	-	S	General, Inorganic and Organic Chemistry		KS KE U W T											30	20	8	0	112	42	20	12	0	100
KASN40	15	A	B , K , N , MLAK	X	E1	Project in Pharmaceuticals, Materials or Chemistry		KS KE U T											8	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
KASF10	7.5	G2	N	X	E	Functional Materials		KS KE U W T																44	26	0	0	90
KOOA05	8	G1	BI	-	S	General Chemistry		KS KE U W T																42	28	0	0	110
KASF05	7.5	G2	K	X	E	Materials and Polymer Technology		KS KE U W T																44	12	0	14	80
KASN15	7.5	A	K , N	-	E1	Microscopic Characterization of Materials		KS KE U W T																14	0	70	0	80
KOKA25	7.5	G1	B , K	-	S	Organic Chemistry		KS KE U W T																42	14	24	0	80

[KASN45 \(MLAK\)](#) Advanced Analytical Chemistry: *Students must complete and pass at least two of the courses [KASN45](#), [KFKN10](#), [KOKN05](#), [KMBF10](#), [KIMN01](#) or [KFKN05](#) in order to qualify for their Master's degree.*

[KOKN05 \(MLAK\)](#) Organic Chemistry - Theory: *Students must complete and pass at least two of the courses [KASN45](#), [KFKN10](#), [KOKN05](#), [KMBF10](#), [KIMN01](#) or [KFKN05](#) in order to qualify for their Master's degree.*

Department of Chemistry

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21																			
				S.Ex. stud.					sp1	sp2	sp3	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	-	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						400															
KKK000			B, K, MBIO, MLIV, MWLU				X											400										
KKK000			B, K, MBIO, MLIV, MWLU				X																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

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.

Links

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

Links

Course Code	Credits	Programme	Course Name	Links
KMBM01	30	MBIO , MLIV	Degree Project in Applied Microbiology	KS KE U W
KMBM05	30	B , K , N	Degree Project in Applied Microbiology	KS KE U W
KFKM05	30	B , K , N	Degree Project in Biophysical Chemistry	KS KE U W
KBTM01	30	MBIO , MLIV	Degree Project in Biotechnology	KS KE U W
KBTM05	30	B , K , N , W	Degree Project in Biotechnology	KS KE U W
KASM10	30	B , K , N	Degree Project in Materials Chemistry	KS KE U
KASM05	30	B , K , N	Degree Project in Organic Chemistry	KS KE U W
KASM15	30	B , K , N	Degree project in Polymer Technology	KS KE U
KAKM01	30	MBIO	Degree Project in Technical Analytical Chemistry	KS KE U
KASM01	30	B , K , N	Degree Project in Technical Analytical Chemistry	KS KE U
KBKM01	30	MBIO , MLIV	Degree Project in Applied Biochemistry	KS KE U
KBKM05	30	B , N	Degree Project in Applied Biochemistry	KS KE U W