

Applied Microbiology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	18/19				18/19				18/19				18/19							
				S.Ex. stud.					sp1	sp2	sp3	sp4	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F
KMBF05	7.5	G2	B , MBIO , MLIV	X	E1	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 , MBIO	X	E	Project in Life Science	X	KS KE U W T	16	4	10	16	130	4	0	60	16	130										
KMBN02			B						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	X	E1	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 [KBT042](#) in order to qualify for their Master's degree.

[KMBF10](#) ([MLIV](#)) Quality and Product Safety: Students admitted autumn 2014 and later must complete and pass at least one of the courses [FMIF20](#), [KBTF05](#) or [KMBF10](#) in order to qualify for their Master's degree.

Biophysical Chemistry

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	18/19				18/19				18/19				18/19								
				S.Ex. stud.					sp1	sp2	sp3	sp4	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O
KFKA05	7.5	G1	B , K	-	S	Molecular Driving Forces 1: Thermodynamics		KS KE U W T	28	28	20	0	60																
KFKN10	7.5	A	B , K , N	X	E1	Biophysical Chemistry		KS KE U W T						38	14	15	0	60											
KFKA10	8	G1	W	-	S	Thermodynamics and Surface Chemistry		KS KE U W T						34	34	10	0	136											
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 , K , N	-	S	Molecular Driving Forces 2: Interactions and Dynamics		KS KE U W T																	28	28	20	0	60

Biotechnology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	18/19 sp1				18/19 sp2				18/19 sp3				18/19 sp4										
				S.Ex. stud.					F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S			
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	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			24	0	35	0	50																
KBTN01	7.5	A	B, MBIO, MLIV, N	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	X	KS KE U W T									28	18	0	20	200										
KBTN10	15	A	B, MBIO	X	E1	Biotechnology, Process and Plant Design	X	KS KE U W T									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*

[KBTF05](#) (MLIV) Green Chemistry and Biotechnology: *Students admitted autumn 2014 and later must complete and pass at least one of the courses [FMIF20](#), [KBTF05](#) or [KMBF10](#) in order to qualify for their Master's degree.*

[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	18/19																			
				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	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						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

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	18/19																			
				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
KBTA05	7.5	G1	B	-	S	Introduction to Biotechnology		KS KE U T	32	10	0	30	100															
KBKN05	7.5	A	B, MBIO	X	E1	Protein Engineering		KS KE U W T	20	10	40	0	130															
KBKN01	7.5	A	B, MBIO, MLIV	X	E1	Enzyme Technology	X	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												
KBKA10	7.5	G1	B	-	S	Biochemistry		KS KE U W T											30	8	40	0	120					
KBKF05	7.5	G2	B	-	S	Cell biology		KS KE U W T											20	8	30	0	142					
KBKN10	7.5	A	B, MBIO	X	E1	Bioinformatics		KS KE U W T														24	28	0	0	128		
KBKF01	7.5	G2	B, MBIO	X	E	Gene Technology		KS KE U W T														26	10	40	0	120		

[KBKN01](#) ([MLIV](#)) Enzyme Technology: *Students admitted autumn 2014 and later must complete and pass at least one of the courses [KBKN01](#), [KFKN05](#) or [KLGNO1](#) in order to qualify for their*

Master's degree.

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	Bachelor Project in Applied Microbiology	KS KE U
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	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
KMBM05	30	B , K , N	Degree Project in Applied Microbiology	KS KE U
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