Applied Microbiology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	09/10 sp4
KMB023	7.5	G2	B, MBIO, MLIV	X	E1	Food Microbiology		KS KE U W	
KMB060	7.5	G1	B	-	E2	Microbiology		KS KE U W	
KMB031	7.5	G2	B, K, MBIO, MLIV	X	E1	Quality and Product Safety		KS KE U W	
KMB040	7.5	A	B, MBIO	X	E	Metabolic engineering		KS KE U W	
KMB050	15	G1	W	X	E	Molecular Cell Biology		KS KE U W	

Bioorganic Chemistry

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KOK085	7.5	G2	B, K, N	X	E1	Medicinal Chemistry		KS KE U W	
KOK095	7.5	G2	B, K	X	E1	Computational Chemistry and Structure Analysis		KS KE U W	
KOK090	7.5	A	B, K	X	E1	Drug Synthesis		KS KE U W	
KOKA10	7	G1	W	-	S	Organic Chemistry		KS KE U W	
KOK032	7.5	G2	B, K, N	X	E1	Environmental Chemistry		KS KE U W	
KOKA01	7.5	G1	N	-	S	General and Inorganic Chemistry		KS KE U W	
KOK012	9	G1	B, K	-	S	Organic Chemistry, Basic Course		KS KE U W	1
KOK100	15	A	B, K	X	E1	Project in Medicinal Chemistry		KS KE U	1
KOKA05	5	G1	N	-	S	Organic Chemistry		KS KE U W	1

Biophysicalic Chemistry

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KFK080	7.5	G1	B, K, Pi	-	S	Thermodynamics		KS KE U W	
KFKA01	10	G1	W	-	S	Thermodynamics and Surface Chemistry		KS KE U W	
KFK032	7.5	A	B, K, MLIV	X	E1	Biophysical Chemistry		KS KE U W	
KFK095	7.5	G2	B, K	X	E2	Molecular Spectroscopy		KS KE U W	
KFK090	7.5	G2	B, K, N, Pi	-	S	Molecular Interactions and Dynamics		KS KE U W	1

Biotechnology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KBT050	7.5	G2	B, MBIO, MLIV, N	X	E	Bio Analytical Chemistry		KS KE U W	
KKKA05	15	G1	B	-	S	Biotechnology		KS KE U W	1
KBT060	7.5	G2	B, MBIO	X	E	Separations in Biotechnology		KS KE U W	
KBT080	7.5	G2	B, MBIO, MLIV, W	X	E	Environmental Biotechnology		KS KE U W	
KBT042	15	A	B, MBIO	X	E2	Biotechnology, Process and Plant Design		KS KE U W	1
KBTF01	7.5	G2	MBIO	X	E	Green Chemistry and Biotechnology		KS KE U W	1
KBT115	7.5	G2	MBIO	X	S	Bioprocess Technology	X	KS KE U W	
KBT115			B				X		1

KBT115 (B) Bioprocess Technology: *Kursen ges på svenska i VT2 i årskurs 3*
KBT115 (MBIO) Bioprocess Technology: *Kursen ges på engelska i HT1 för utbytes och masterstudenter. / The course is given in English in study period 1 for exchange and master students.*

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KKK000	15	A	B, K, MBIO, MLIV, MWLU	X	E2	Advanced course in one or more subjects	X	KS KE U W	
KKK000			B, K, MBIO, MLIV, MWLU				X		
KKK000			B, K, MBIO, MLIV, MWLU				X		
KKK000			B, K, MBIO, MLIV, MWLU				X		1

KKK000 (B, K) Advanced course in one or more subjects: *Kursen är inte knuten till någon specifik läsperiod. Uppgifterna om timmar förutsätter att kursen går över en läsperiod. Individuell studieplan ska upprättas och godkännas.*
KKK000 (MBIO, MLIV, MWLU) Advanced course in one or more subjects: *Kursen är inte knuten till någon specifik läsperiod. Uppgifterna om timmar förutsätter att kursen går över en läsperiod. Individuell studieplan ska upprättas och godkännas. / 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. Individual study plan should be drawn up and approved.*

Immunotechnology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KIM015	7.5	A	B, MBIO, N	X	E2	Immunotechnology		KS KE U W	1

Materials Chemistry

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KOO045	7.5	A	K, N	X	E2	Materials Chemistry		KS KE U W	
KOO101	9	G1	B, K	-	S	Fundamental Chemistry		KS KE U W	
KOO105	7.5	G2	MNAV, N	X	E2	Materials Analysis at the Nanoscale		KS KE U W	
KOO065	7.5	A	K, N	X	E2	Microscopic Characterization of Materials		KS KE U W	
KOO022	7.5	G1	B, K	-	S	Inorganic Chemistry		KS KE U W	
KOOA01	5	G1	W	-	S	Introductory Chemistry		KS KE U W	
KOOF01	5	G2	W	X	E	Applied Aquatic Chemistry		KS KE U W	1
KOO095	7.5	G2	N	-	S	Functional Materials		KS KE U W	1
KOOA05	8	G1	BI	-	S	General Chemistry		KS KE U W	1
KOO052	7.5	G2	K	-	S	Materials and Polymer Technology		KS KE U W	1

Polymer Technology

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	09/10 sp4
KTE080	7.5	A	K, N	X	E1	Polymer Chemistry		KS KE U W	
KPO010	7.5	A	B, K, N	X	E	Polymer Physics		KS KE U W	
KPO021	7.5	A	K	X	E2	Polymeric Materials, Project		KS KE U W	1

Pure and Applied Biochemistry

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	09/10 sp4
KBKA01	6	G1	B	-	S	Introduction to Biochemistry		KS KE U W	
KBK050	7.5	A	B, MBIO	X	E1	Protein Engineering		KS KE U W	
KBK031	7.5	A	B, MBIO, MLIV	X	E1	Enzyme Technology		KS KE U W	
KBKA05	7.5	G1	K	-	E2	Technical Biology		KS KE U W	
KBK011	7.5	G1	B	-	S	Biochemistry		KS KE U W	
KBK070	7.5	G2	B	-	S	Cell biology		KS KE U W	
KBK075	7.5	A	B, MBIO	X	E1	Bioinformatics		KS KE U W	1
KBK041	7.5	G2	B, MBIO	X	E2	Gene Technology		KS KE U W	1

Technical Analytical Chemistry

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
KAKF01	9	G2	B, K, N	-	S	Analytical Chemistry		KS KE U W	
KAK050	7.5	A	B, K, MBIO, MLIV	X	E1	Chromatographic Analysis		KS KE U W	
KAK070	7.5	A	B, K, MBIO, MLIV	X	E1	Chromatographic Bio Analysis		KS KE U W	1

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
KMB820	30	B, K, MBIO, N	Degree Project in Applied Microbiology for Engineers	U
KOK820	30	B, K, N	Degree Project in Organic Chemistry for Engineers	U
KFK920	30	B, F, K, MBIO, N	Degree Project in Biophysical Chemistry	U
KBT820	30	B, MBIO, N	Degree Project in Biotechnology for Engineers	U
KIM820	30	B, MBIO, N	Degree Project in Immunotechnology	U
KOO920	30	B, K, N	Degree Project in Materials Chemistry for Engineers	U
KTE720	30	B, K, N	Degree project in Polymer Technology	U
KBK820	30	B, MBIO, N	Degree Project in Applied Biochemistry for Engineers	U
KAK820	30	B, K, MBIO, N	Degree Project in Technical Analytical Chemistry	U