Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	07/08 sp4
FMS072	7.5	G2	MWIR	X	E2	Design of Experiments	X	KS KE U W	
FMS072			D, E, F, M, N, Pi, V				X		Course on hold
FMS086	7.5	G2	B, K	-	S	Mathematical Statistics		KS KE U W	
FMS601	4.5	G1	IBYA, IBYI, IBYV	-	S	Mathematical Statistics		KS KE U W	
FMS035	7.5	G2	M, MD	-	S	Mathematical Statistics, Basic Course		KS KE U W	
FMS140	7.5	G2	W	-	S	Mathematical Statistics, Basic Course		KS KE U W	
FMS091	7.5	A	D, E, F, I, Pi	X	E2	Monte Carlo and Empirical Methods for Stochastic Inference		KS KE U W	
FMSF01	3	G2	M, V	-	S	Mathematical Statistics	X	KS KE U	
FMSF01			M, V				X		1
FMS032	7.5	G2	L	-	S	Mathematical Statistics, Basic Course		KS KE U W	
FMS032			V						1
FMS110	7.5	A	D, E, F, I, Pi	X	E1	Non-Linear Time Series Analysis		KS KE U W	
FMS160	4.5	A	Pi	-	E1	Statistical Genetics		KS KE U W	
FMS150	7.5	A	C, D, E, F, L, Pi	X	E2	Statistical Image Analysis		KS KE U W	
FMS155	7.5	A	D, F, I, Pi	X	E2	Statistical Modelling of Extreme Values		KS KE U W	
FMS045	6	G2	C, D, E, F, I, L, M, MWIR, Pi	-	S	Stationary Stochastic Processes		KS KE U W	
FMS170	9	A	B, C, D, E, F, I, K, L, M, N, Pi, RH, V, W	X	E1	Valuation of Derivative Assets	X	KS KE U W	1
FMS161	7.5	A	B, C, D, E, F, I, K, L, M, N, Pi, RH, V, W	X	E1	Financial Statistics	X	KS KE U W	1

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	07/08 sp4
FMS180	6	G2	C, D, E, F, I, L, M, Pi	-	S	Markov Processes		KS KE U W	1
FMS012	9	G2	I	-	S	Mathematical Statistics, Basic Course		KS KE U W	
FMS012			F, N, Pi						
FMS012			C, D, E						1
FMS051	7.5	A	C, D, E, F, I, L, Pi	-	S	Mathematical Statistics, Time Series Analysis		KS KE U W	1
FMS047	3	A	F, I, Pi	-	S	Stationary Stochastic Processes, Project Work		KS KE U W	1
FMS065	7.5	G2	C, M, N, Pi, RH, V	-	E2	Statistical Methods for Safety Analysis		KS KE U W	1

FMS072 (D, E, F, M, MWIR, N, Pi, V) Design of Experiments: *Periodiserad. Ges nästa gång ht 2008.*
FMSF01 (M) Mathematical Statistics: *Kursen kan endast ingå i TMALY (avkortad CIM). Kursen ges två gånger om året.*
FMSF01 (V) Mathematical Statistics: *Kursen ingår endast i TVOLY. Kursen ges två gånger om året.*
FMS170 (B) Valuation of Derivative Assets: *Obligatorisk inom INEK i fördjupningskedjan Finansiering och risk.*
FMS161 (B) Financial Statistics: *Obligatorisk inom INEK i fördjupningskedjan Finansiering och risk.*

Mathematics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	07/08 sp4
FMA280	7.5	G2	E, F, I, N, Pi	-	S	Analytic Functions	X	KS KE U W	
FMA430	6	G1	B, BI, K	-	S	Calculus in Several Variables		KS KE U W	
FMA430			F, I, M, MD						
FMA430			E, L, W						1
FMA430			V						
FMA430			*N*						***Examinations only***
FMA037	6	G2	D, E, F, M, N, V	-	S	Complex Analysis	X	KS KE U W	
FMA170	6	A	C, D, E, F, L, Pi	X	E2	Image Analysis		KS KE U W	
FMA051	6	A	D, E, F, I, Pi	X	E1	Optimization		KS KE U W	
FMA661	7.5	G2	IDA	-	S	Probability Theory and Discrete Mathematics		KS KE U W	
FMA415	16.5	G1	BI	-	S	Calculus in One Variable		KS KE U W	
FMAA05	15	G1	E, F, I, L, M, MD, Pi, V, W	-	S	Calculus in One Variable		KS KE U W	
FMA260	7.5	A	D, E, F, Pi	X	E2	Functional Analysis and Harmonic Analysis		KS KE U W	
FMA140	6	A	D, E, F, I, Pi	X	E2	Non-Linear Dynamical Systems		KS KE U W	
FMA645	13.5	G1	IBYA, IBYI, IBYV, IDA	-	S	Calculus		KS KE U W	
FMA085	4.5	G1	N, Pi	-	S	Mathematical Communication		KS KE U W	
FMAA01	15	G1	C, D	-	S	Calculus in One Variable		KS KE U W	
FMAA01			B, K, N						1
FMA025	7.5	G1	C	-	S	Calculus in Several Variables		KS KE U W	
FMA175	3	A	C, D, E, F, Pi	X	E1	Image Analysis, Project		KS KE U W	
FMA420	6	G1	C, Pi, W	-	S	Linear Algebra		KS KE U W	
FMA420			B, F, I, K, N						
FMA420			BI, E, L, V						

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.		Course Name	Footnote	Links	07/08 sp4
FMA420			D						1
FMA421	9	G1	M, MD	-	S	Linear Algebra with Scientific Computation		KS KE U W	
FMA045	4.5	G1	Pi	-	S	Mathematical Modelling		KS KE U W	
FMA145	3	A	D, E, F, I, Pi	X	E1	Non-linear Dynamical Systems, Project		KS KE U W	
FMA450	7.5	G2	F, I, N, Pi	-	S	Systems and Transforms	X	KS KE U W	
FMA135	6	G1	C, D, E, F, Pi	X	E2	Geometry		KS KE U W	
FMA030	9	G2	C, D, L	-	S	Linear Analysis	X	KS KE U W	
FMA250	7.5	A	D, E, F, Pi	X	E2	Partial Differential Equations with Distribution Theory		KS KE U W	
FMA270	6	A	C, D, E, F, Pi	X	E2	Computer Vision		KS KE U W	
FMA036	7.5	G2	F, N, V	-	S	Linear Analysis	X	KS KE U W	
FMA036			C, D, E, M				X		
FMA240	6	G2	D, E, F, I, Pi	X	E2	Linear and Combinatorial Optimization		KS KE U W	
FMA111	6	A	D, E, F, Pi	-	S	Mathematical Structures		KS KE U W	
FMA130	6	A	D, E, F, Pi	X	E2	Analytic Functions, Advanced Course		KS KE U W	1
FMA021	7.5	A	E, F, N, Pi	-	S	Applied Mathematics	X	KS KE U W	1
FMA062	7.5	G2	B, K, M, V, W	-	S	Applied Mathematics		KS KE U W	1

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		07/08 sp4
FMA435	7.5	G1	M, Pi	-	S	Calculus in Several Variables	X	KS KE U W		1
FMA435			*F*							***Examinations only***
FMA115	6	A	D, E, F, Pi	X	E2	Computer Algebra		KS KE U W		1
FMA120	6	A	C, D, E, F, I, L, M	-	S	Matrix Theory		KS KE U W		1
FMA120			Pi							
FMA022	4.5	G2	D, E, F, M, N	-	S	Applied Mathematics	X	KS KE U W		1
FMA023	3	A	F, N, Pi	-	E1	Applied Mathematics, Project	X	KS KE U W		1
FMA272	3	A	C, D, E, F, Pi	X	E1	Computer Vision, Project		KS KE U W		1
FMA091	6	G1	C, D, E, F, Pi	-	S	Discrete Mathematics		KS KE U W		1

Course Code	Credits	Cycle	Programme	Language S.Ex. stud.	Language	Course Name	Footnote	Links	07/08 sp4
FMA656	4.5	G1	IBYA, IBYI, IBYV, IDA	-	S	Mathematics, Linear Algebra		KS KE U W	1
FMA125	3	A	D, E, F	-	E1	Matrix Theory, Project		KS KE U W	1
FMA125			Pi						

FMA280 (E) Analytic Functions: *Kurserna FMA037 Komplex analys och FMA280 Funktionsteori är alternativobligatoriska. Endast en av kurserna får ingå i examen.*
FMA280 (N) Analytic Functions: *Endast en av kurserna FMA037 Komplex analys och FMA280 Funktionsteori får ingå i examen.*
FMA037 (D) Complex Analysis: *Alternativobligatorisk. Antingen måste FMA030 Linjär analys eller både FMA036 Linjär analys och FMA037 Komplex analys ingå i examen.*
FMA037 (E) Complex Analysis: *Kurserna FMA037 Komplex analys och FMA280 Funktionsteori är alternativobligatoriska. Endast en av kurserna får ingå i examen.*
FMA037 (F) Complex Analysis: *Kan bytas mot FMA280 Funktionsteori.*
FMA037 (N) Complex Analysis: *Endast en av kurserna FMA037 Komplex analys och FMA280 Funktionsteori får ingå i examen.*
FMA450 (N) Systems and Transforms: *Endast en av kurserna FMA036 Linjär analys och FMA450 System och transformer får ingå i examen.*
FMA030 (D) Linear Analysis: *Alternativobligatorisk. Antingen måste FMA030 Linjär analys eller både FMA036 Linjär analys och FMA037 Komplex analys ingå i examen.*
FMA036 (D) Linear Analysis: *Alternativobligatorisk. Antingen måste FMA030 Linjär analys eller både FMA036 Linjär analys och FMA037 Komplex analys ingå i examen.*
FMA036 (F) Linear Analysis: *Kan bytas mot FMA450 System och transformer.*
FMA036 (N) Linear Analysis: *Endast en av kurserna FMA036 Linjär analys och FMA450 System och transformer får ingå i examen.*
FMA021 (E, F, N) Applied Mathematics: *Endast en av kurserna FMA021 Kontinuerliga system respektive FMA022 Kontinuerliga system, allmän kurs får ingå i examen.*
FMA435 (M) Calculus in Several Variables: *FMA435 Flerdimensionell analys med vektoranalys samt i åk 2 och 3 FMA036 Linjär analys och FMA037 Komplex analys för den som önskar större kurs i matematik. Övriga läser FMA430.*
FMA022 (E, N) Applied Mathematics: *Endast en av kurserna FMA021 Kontinuerliga system respektive FMA022 Kontinuerliga system, allmän kurs får ingå i examen.*
FMA022 (F) Applied Mathematics: *Kan bytas mot FMA021 Kontinuerliga system.*
FMA023 (F, N, Pi) Applied Mathematics, Project: *Kursen fortsätter med ett redovisningstillfälle hösten 2008.*

Numerical Analysis

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	07/08 sp4
FMN135	7.5	A	E, F, M, Pi	X	E1	Adaptive Methods for Differential Equations		KS KE U W	
FMNN01	7.5	A	E, F, M, Pi	X	E	Numerical Linear Algebra		KS KE U W	
FMN100	6	A	C, D, E, F, L	X	E1	Numerical Methods in CAGD		KS KE U W	
FMN145	4.5	A	D, E, F, M, Pi	X	E1	Simulation Tools		KS KE U W	
FMN130	7.5	A	B, F, I, K, Pi	X	E1	Numerical Methods for Differential Equations		KS KE U W	
FMN081	7.5	G2	M, V	X	E1	Numerical Methods in Mechanics		KS KE U W	
FMN041	6	G2	F, V	X	E1	Numerical Methods in Physics and Engineering		KS KE U W	
FMN140	6	G2	V	-	S	Scientific Computing		KS KE U W	1
FMN011	6	G2	C, D, L	X	E1	Numerical Analysis		KS KE U W	1
FMN050	6	G2	E, I	X	E1	Numerical Analysis		KS KE U W	1
FMN110	7.5	A	F, M, Pi	X	E1	Numerical Methods in Multibody Dynamics		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.

				Links
Course Code	**Credits**	**Programme**	**Course Name**	
FMS820	30	C, D, E, F, I, Pi, RH	Degree Project in Mathematical Statistics for Engineers	U
FMA820	30	C, D, E, F, I, M, Pi	Degree Project in Mathematics for Engineers	U
FMN820	30	D, E, F, I, M, Pi	Degree Project in Numerical Analysis	U W