

KTH - Kungl Tekniska Högskolan

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Bygg ingenjör BI1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2801 Building Technology	3	4,5	B	30	15	-					
6A2802 Building Technology, project I	5	7,5	B	38	30	-					8
6A2803 Structural Mechanics	4	6	B	60	-	-					
6A2804 Mechanics of Materials	4	6	B	45	-	15					
6A2805 Surveying	3	4,5	B	26	-	-					Laborationer 2 dagar, Fältövningar 5 dagar
6A2806 Building Technology	4	6	B	40	20	-					
6A2807 Building Technology, Project	6	9	B	45	25	-					
6A2810 Mathematics	8	12	B	105	-	15					
6A2901 Engineering Skills	6	9	B	-	-	-					
Elective											
6A2921 Coordinated Computer Aided Design	4	6	B	24	18	-					
6A2934 Statics and Strength of Materials	4	6	C	34	26	-					

6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					

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Bygg ingenjör BI2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2811 Mathematical Statistics	3	4,5	B	30	-	15					
6A2821 Building Technology, Project II	2	3	B	15	15	-					
6A2822 Fluid Mechanics	3	4,5	B	42	-	3					
6A2823 Concrete Structure	5	7,5	B	75	-	-					
6A2824 Project "Sustainable Community"	6	9	B	30	30	-					
6A2825 Project "Civil Engineering Management"	7	10,5	B	54	12	-					
6A2826 Soil Mechanics	6	9	B	60	24	8					
6A2902 Industrial Economics	3	4,5	B	-	-	-					
Elective											
6A2920 Building Design	4	6	B	32	18	-					
6A2921 Coordinated Computer Aided Design	4	6	B	24	18	-					
6A2922 Ecological Building	4	6	B	-	-	-					Distansutbildning 60 h

6A2928 Industrial Economics, Advanced Course 1	4	6	B	-	-	-					
6A2931 Moisture in Concrete	5	7,5	B	-	-	-					Distansutbildning 75 h
6A2934 Statics and Strength of Materials	4	6	C	34	26	-					
6A2941 Linear Algebra and Multidimensional Calculus	4	6	B	60	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					

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Bygg ingenjör BI3

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2800 Degree Project	10	15	C	-	-	-					
6A2831 Quality Assurance	4	6	C	8	8	-					Distans undervisning ca 60 h.
6A2832 Design of Heating and Ventilation Services	4	6	C	30	15	-					15h (Projekt)
6A2833 Design of Timber Structures	4	6	C	22	38	-					
6A2841 Law	4	6	C	60	-	-					
6A2842 Technical Management of Property	4	6	C	60	-	-					
6A2843 Economic Control of Property	4	6	C	16	-	-					Distansarbete 50 h
6A2844 Project Property Management	6	9	C	40	-	-					
6A2852 Tendering	4	6	C	12	-	-					
6A2853 Project Construction Management	6	9	C	20	-	-					

6A2861 Water Supply and Wastewater Treatment	4	6	C	24	14	8					Heldagsexkursion
6A2862 Structural Design of Foundations and Masonry	4	6	C	30	20	8					
6A2863 Project Design	6	9	C	40	10	-					
Elective											
6A2920 Building Design	4	6	B	32	18	-					
6A2922 Ecological Building	4	6	B	-	-	-					Distansutbildning 60 h
6A2931 Moisture in Concrete	5	7,5	B	-	-	-					Distansutbildning 75 h
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					



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Byggnadsekonomi ingenjör BEK1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2801 Building Technology	3	4,5	B	30	15	-					
6A2802 Building Technology, project I	5	7,5	B	38	30	-					8
6A2803 Structural Mechanics	4	6	B	60	-	-					
6A2806 Building Technology	4	6	B	40	20	-					
6A2807 Building Technology, Project	6	9	B	45	25	-					
6A2810 Mathematics	8	12	B	105	-	15					
6A2901 Engineering Skills	6	9	B	-	-	-					
6A2951 Financial Accounting	5	7,5	B	-	-	-					


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Byggnadsekonomi ingenjör BEK2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2811 Mathematical Statistics	3	4,5	B	30	-	15					
6A2821 Building Technology, Project II	2	3	B	15	15	-					
6A2822 Fluid Mechanics	3	4,5	B	42	-	3					
6A2823 Concrete Structure	5	7,5	B	75	-	-					
6A2824 Project "Sustainable Community"	6	9	B	30	30	-					
6A2825 Project "Civil Engineering Management"	7	10,5	B	54	12	-					
6A2826 Soil Mechanics	6	9	B	60	24	8					
6A2952 Cost Benneficial Analysis	5	7,5	B	-	-	-					
6A2953 Organisation and Individual	5	7,5	B	-	-	-					


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Byggnadsekonomi ingenjör BEK3

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2800 Degree Project	10	15	C	-	-	-					
6A2831 Quality Assurance	4	6	C	8	8	-					Distans undervisning ca 60 h.
6A2832 Design of Heating and Ventilation Services	4	6	C	30	15	-					15h (Projekt)
6A2833 Design of Timber Structures	4	6	C	22	38	-					
6A2841 Law	4	6	C	60	-	-					
6A2842 Technical Management of Property	4	6	C	60	-	-					
6A2843 Economic Control of Property	4	6	C	16	-	-					Distansarbete 50 h
6A2844 Project Property Management	6	9	C	40	-	-					
6A2852 Tendering	4	6	C	12	-	-					
6A2853 Project Construction Management	6	9	C	20	-	-					

6A2861 Water Supply and Wastewater Treatment	4	6	C	24	14	8					Heldagsexkursion
6A2862 Structural Design of Foundations and Masonry	4	6	C	30	20	8					
6A2863 Project Design	6	9	C	40	10	-					
6A2955 Marketing	5	7,5	B	-	-	-					
Elective											
6A2925 Accounting, Intermediate Course	5	7,5	B	-	-	-					Kursen genomföres som självstudiekurs baserad på Internet-teknik (distanskurs)
6A2927 Economic Analysis, Advanced Course	5	7,5	B	-	-	-					Kursen genomförs som självstudiekurs baserad på Internet-teknik (distanskurs)
6A2956 Marketing Communication	5	7,5	B	-	-	-					



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Data ingenjör DI1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2001 Introduction to C-programming	4	6	B	-	-	-					
6A2002 Algorithms and Data Structures	4	6	B	-	-	-					
6A2003 Digital and Computer Technology	8	12	B	-	-	-					
6A2004 Computer Project	5	7,5	B	-	-	-					Kursen bedrivs i projektform
6A2013 Mathematics	9	13,5	B	-	-	-					
6A2901 Engineering Skills	6	9	B	-	-	-					
6B2001 Introduction to C-programming	4	6	B	24	8	20					
6B2002 Algorithms and Data Structures	4	6	B	24	-	24					
6B2003 Digital and Computer Technology	8	12	B	-	-	-					
6B2004 Computer Project	5	7,5	B	-	-	-					Kursen bedrivs på projektform. Variationer kan förekomma!
6B2013 Mathematics	9	13,5	B	40	50	24					
6B2901 Engineering Skills	6	9	B	22	8	24					Kursen drivs i projektform. Beräknad projektarbetstid 120 h.

6E2001 Introduction to C-programming	4	6	B	24	20	15					
6E2002 Algorithms and Data Structures	4	6	B	-	-	-					
6E2003 Digital and Computer Technology	8	12	B	-	-	-					D11 period 2-3. EI2 period 1-2.
6E2004 Computer Project	5	7,5	B	-	-	-					Kursen bedrivs i projektform.
6E2013 Mathematics	9	13,5	B	40	50	24					
6E2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.
6F2001 Introduction to C-programming	4	6	B	24	20	15					
6F2002 Algorithms and Data Structures	4	6	B	-	-	-					
6F2003 Digital and Computer Technology	8	12	B	-	-	-					
6F2004 Computer Project	5	7,5	B	-	-	-					
6F2013 Mathematics	9	13,5	B	40	50	24					
6F2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.
Elective											
6A2940 Computer System and Operating System in Practice	4	6	B	-	-	-					
6A2945 Analysis	4	6	B	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2924 Programming in C++	4	6	B	-	-	-					
6B2929 Windows Programming with Visual Basic	4	6	C	-	-	-					
6B2931 Calculus	4	6	B	24	24	8					
6B3009 Unix Basics	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.

6E2923 Computer System Skills	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2949 Digital Audio, Video and Media	4	6	B	-	-	-					
6E2950 VHDL for Programmable Logic	4	6	C	-	-	-					
6E2952 Introductory Calculus	4	6	B	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2971 Text- and Image Processing	4	6	B	-	-	-					

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Data ingenjör DI2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2005 Object Oriented Programming	4	6	B	-	-	-					Kursen bedrivs i projektform
6A2006 Operating System	4	6	B	-	-	-					Kursen bedrivs i projektform
6A2007 Computer Communication	4	6	B	-	-	-					Kursen bedrivs i projektform
6A2008 Software Project	9	13,5	B	-	-	-					Kursen bedrivs i projektform
6A2011 Mathematical Statistics	4	6	B	-	-	-					
6A2902 Industrial Economics	3	4,5	B	-	-	-					
6A2903 Environmental technology & work science	4	6	B	-	-	-					
6B2006 Operating systems	4	6	B	-	-	-					
6B2007 Computer Communication	4	6	B	-	-	-					
6B2008 Software Project	9	13,5	B	-	-	-					Kursen bedrivs i projektform
6B2011 Mathematical Statistics	4	6	B	-	-	-					
6B2902 Business Administration	3	4,5	B	26	-	4					

6B2903 Environment and Work Science	4	6	B	24	24	-					Beräknad projektarbetstid 40 h
6B2926 Object-Oriented Programming with Java	4	6	C	-	-	-					
6E2005 Object Oriented Programming	4	6	B	-	-	-					
6E2006 Operating System	4	6	B	-	-	-					
6E2007 Computer Communication	4	6	B	-	-	-					
6E2008 Software Project	9	13,5	B	-	-	-					
6E2011 Mathematical Statistics	4		B	-	-	-					
6E2902 Business Administration	3	4,5	B	26	-	4					
6E2903 Environment and Work Science	4	6	B	48	-	-					Övningar och laborationer 3 st
6F2005 Object Oriented Programming	4	6	B	-	-	-					Kursen bedrivs på projektform.
6F2006 Operating System	4	6	B	-	-	-					Kursen bedrivs i projektform.
6F2007 Computer Communication	4	6	B	-	-	-					Kursen bedrivs i projektform.
6F2008 Software Project	9	13,5	B	-	-	-					Kursen bedrivs i projektform.
6F2011 Mathematical Statistics	4	6	B	-	-	-					
6F2902 Business Administration	3	4,5	B	26	-	4					
6F2903 Environment and Work Science	4	6	B	26	25	-					Beräknad projektarbetstid 40 h
Elective											
6A2928 Industrial Economics, Advanced Course 1	4	6	B	-	-	-					
6A2942 Java for C++ Programmers	4	6	B	-	-	-					
6A2943 Advanced Object-oriented Programming using Java	4	6	B	-	-	-					
6A2945 Analysis	4	6	B	-	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					

6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2924 Programming in C++	4	6	B	-	-	-					
6B2927 Internet Development	4	6	C	-	-	-					
6B2929 Windows Programming with Visual Basic	4	6	C	-	-	-					
6B2930 Windows Programming using C++	4	6	C	-	-	-					
6B2931 Calculus	4	6	B	24	24	8					
6B2955 Mechanical Workshop	4	6	B	-	-	-					
6B3011 Software Engineering	4	6	C	-	-	-					
6B3012 Analytical Methods in Software Engineering Economics	4	6	C	-	-	-					
6B3286 Terms for Contractors	4	6	C	-	-	-					
6B3608 General Aeronautics	4	6	D	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2926 Object-Oriented Programming with Java	4	6	C	-	-	-					
6E2933 Functions of Several Variables	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2937 Digital Signal Processing	4	6	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					

6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2949 Digital Audio, Video and Media	4	6	B	-	-	-					
6E2950 VHDL for Programmable Logic	4	6	C	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E2968 Visual Basic	4	6	B	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					
6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2960 Object Oriented Programming with Java	4	6	B	-	-	-					
6F2963 Audio Electronics	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					
6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					
6F2971 Text- and Image Processing	4	6	B	-	-	-					
6F2974 Visual Basic Programming	4	6	B	24	36	-					



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Data ingenjör DI3

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							1	2	3	4	
Compulsory											
6A2000 Degree Project	10	15	C	-	-	-					
6A2050 The Operating System Windows	6	9	C	-	-	-					
6A2051 Programming Languages	4	6	C	-	-	-					
6A2052 Local and Global Networks	6	9	C	16	-	28					
6A2053 Database Project	6	9	C	-	-	-					
6A2054 Database Technology	4	6	C	-	-	-					
6A2107 Telecommunications	5	7,5	B	45	8	16					
6A2161 Telecommunication Networks	6	9	C	-	-	-					
6A2162 Queuering Theory and Network Planning	4	6	C	-	-	-					
6A2164 Computer Kommunikation	4	6	C	-	-	-					
6B2000 Degree Project	10	15	C	-	-	-					
6B3001 Databases	8	12	C	-	-	-					

6B3002 Technique of Distributed Objects	4	6	C	-	-	-					
6B3003 Secure Transactions	4	6	C	-	-	-					
6B3004 Functional and Logical Programming	4	6	C	-	-	-					
6B3005 A Project of Databases and Transactions	6	9	C	-	-	-					
6B3006 Hardware and Software in a Computer Network	4	6	C	-	-	-					
6B3007 Network Planning and Documentation	4	6	C	-	-	-					
6B3008 Secure Network	4	6	C	-	-	-					
6E3500 Industrial Business Administration and Marketing	10	15	C	112	4	12					20h (gästföreläsare)
6E3503 Quality Control	5	7,5	C	44	-	12					
6E3504 Law for Engineers	3	4,5	B	36	4	-					
6E3511 Media Technology, General Course	6	9	B	52	-	30					
6E3512 Text- and Image Processing	6	9	C	52	-	30					
6E3513 Digital Media Technology	6	9	C	52	-	-					Projektarbete 30
6E3514 Graphic Technology	4	6	C	39	15	-					
6E3515 Computer Networks and Communication	4	6	C	39	-	15					
6E3522 Object Oriented Modelling	2	3	C	-	-	-					
6E3523 Computer Networks	4	6	C	-	-	-					
6E3524 Realtime, Windows and Graphics	5	7,5	C	-	-	-					
6E3525 Applied Mathematics	3	4,5	C	22	-	20					

6E3526 Algorithms and Data Structures, Intermediate Course	3	4,5	C	-	-	-						
6E3527 Realtime Systems	7	10,5	C	-	-	-						
6E3531 Computer Networks	3	4,5	C	-	-	-						
6E3536 Databases	2	3	B	-	-	-						
6E3539 System Analysis and Design	3	4,5	C	-	-	-						
6E3540 Computer Networks	5	7,5	C	-	-	-						
6E3541 Realtime Project	3	4,5	C	-	-	-						
6E3581 Degree Project in Industrial Business Adm. & Manufacturing	10	15	C	-	-	-						
6E3584 Degree Project in Real Time Systems	10	15	C	-	-	-						
6F3600 Quality Technology and Process Improvement	5	7,5	C	64	-	-						
6F3602 Degree Project	10	15	C	-	-	-						
6F3620 Databases	5	7,5	C	30	20	25						
6F3621 System Architecture	5	7,5	C	30	-	45						
6F3622 Programming Interfaces	5	7,5	C	30	20	25						
6F3623 System Integration	6	9	C	20	25	30						
Elective												
6A2165 Telecommunication Switching	4	6	C	-	-	-						
6A2166 Mobil Communication	4	6	C	-	-	-						
6A2167 Process Programming	4	6	C	-	-	-						
6A2168 Real Time Applications	4	6	C	-	-	-						
6A2942 Java for C++ Programmers	4	6	B	-	-	-						

Seminarieriserie med obligatorisk närvaro, 15 h

6A2943 Advanced Object-oriented Programming using Java	4	6	B	-	-	-					
6A2945 Analysis	4	6	B	-	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2927 Internet Development	4	6	C	-	-	-					
6B2929 Windows Programming with Visual Basic	4	6	C	-	-	-					
6B2930 Windows Programming using C++	4	6	C	-	-	-					
6B2932 Linux	4	6	B	12	-	16					Projektarbete med handledning
6B3011 Software Engineering	4	6	C	-	-	-					
6B3012 Analytical Methods in Software Engineering Economics	4	6	C	-	-	-					
6B3015 Selectable Specialisation	4	6	C	-	-	-					
6B3288 Industrial Economics, Advanced Course	4	6	C	-	-	-					
6B3608 General Aeronautics	4	6	D	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2926 Object-Oriented Programming with Java	4	6	C	-	-	-					
6E2933 Functions of Several Variables	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					

6E2937 Digital Signal Processing	4	6	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2949 Digital Audio, Video and Media	4	6	B	-	-	-					
6E2950 VHDL for Programmable Logic	4	6	C	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E2968 Visual Basic	4	6	B	-	-	-					
6E2969 Java, Intermediate Course	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					
6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2960 Object Oriented Programming with Java	4	6	B	-	-	-					
6F2963 Audio Electronics	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					
6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					

6F2971 Text- and Image Processing	4	6	B	-	-	-					
6F2974 Visual Basic Programming	4	6	B	24	36	-					

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Elektro ingenjör EI1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2105 Meseasurement and Simulations	4	6	B	18	4	36					Kursen bedrivs till en tredjedel i projektform
6A2108 Analog Electronics	4	6	B	-	-	-					
6A2109 Analog Systems	4	6	B	-	-	-					
6A2111 Mathematical statistics	3	4,5	B	23	22	-					
6A2112 Electrical Circuits	4	6	B	-	-	-					
6A2113 Mathematics	10	15	B	65	60	24					
6A2115 Computer Programming	6	9	B	25	22	32					
6A2901 Engineering Skills	6	9	B	-	-	-					
6B2105 Measurement and Simulations	4	6	B	18	4	36					Kursen drivs till en tredjedel i projektform.
6B2108 Analog Electronics	4	6	B	14	22	-					Projektmöten 10 h.
6B2109 Analog Systems	4	6	B	-	-	24					Kursen bedrivs i projektform. Projektmöten 10 h .
6B2111 Mathematical Statistics	3	4,5	B	23	22	-					

6B2112 Electrical Circuits	4	6	B	22	40	-					
6B2113 Mathematics	10	15	B	65	60	24					
6B2115 Computer Programming	6	9	B	25	22	32					
6B2901 Engineering Skills	6	9	B	22	8	24					Kursen drivs i projektform. Beräknad projektarbetstid 120 h.
6E2105 Measurement and Simulations	4	6	B	18	4	36					
6E2108 Analog Electronics	4	6	B	-	-	-					
6E2109 Analog Systems	4	6	B	-	-	-					Kursen bedrivs i projektform
6E2111 Mathematical Statistics	3	4,5	B	40	8	-					
6E2112 Electrical Circuits	4	6	B	-	-	-					
6E2113 Mathematics	10	15	B	65	60	24					
6E2115 Computer Programming	6	9	B	-	-	-					
6E2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.
6F2105 Measurement and Simulations	4	6	B	18	4	36					Kursen bedrivs till en tredjedel i projektform.
6F2108 Analog Electronics	4	6	B	-	-	-					
6F2109 Analog Systems	4	6	B	-	-	-					
6F2112 Electrical Circuits	4	6	B	-	-	-					
6F2113 Mathematics	10	15	B	65	60	24					
6F2115 Computer Programming	6	9	B	25	22	32					
6F2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.



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Elektro ingenjör EI2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2003 Digital and Computer Technology	8	12	B	-	-	-					
6A2104 Industrial automation	5	7,5	B	21	21	18					Kursen bedrivs till en tredjedel i projektform
6A2107 Telecommunications	5	7,5	B	45	8	16					
6A2111 Mathematical statistics	3	4,5	B	23	22	-					
6A2114 Digital Systems	4	6	B	-	-	-					
6A2116 Telecommunication	6	9	B	45	15	24					
6A2117 Automation	6	9	B	-	-	-					
6A2902 Industrial Economics	3	4,5	B	-	-	-					
6A2903 Environmental technology & work science	4	6	B	-	-	-					
6B2003 Digital and Computer Technology	8	12	B	-	-	-					
6B2104 Automation	5	7,5	B	21	21	18					Kursen drivs till en tredjedel i projektform.
6B2107 Telecommunication	5	7,5	B	45	8	16					

6B2111 Mathematical Statistics	3	4,5	B	23	22	-					
6B2114 Digital Systems	4	6	B	14	-	16					Projektarbete 10 h
6B2116 Telecommunication	6	9	B	45	15	24					
6B2117 Automation	6	9	B	-	-	-					
6B2902 Business Administration	3	4,5	B	26	-	4					
6B2903 Environment and Work Science	4	6	B	24	24	-					Beräknad projektarbetstid 40 h
6E2003 Digital and Computer Technology	8	12	B	-	-	-					DI1 period 2-3. EI2 period 1-2.
6E2104 Automation	5	7,5	B	21	21	18					Kursen bedrivs till en tredjedel i projektform
6E2107 Telecommunication	5	7,5	B	45	8	16					
6E2111 Mathematical Statistics	3	4,5	B	40	8	-					
6E2116 Telecommunication	6	9	B	45	15	24					
6E2117 Automation	6	9	B	-	-	-					
6E2902 Business Administration	3	4,5	B	26	-	4					
6E2903 Environment and Work Science	4	6	B	48	-	-					Övningar och laborationer 3 st
6F2003 Digital and Computer Technology	8	12	B	-	-	-					
6F2104 Automation	5	7,5	B	21	21	18					Kursen bedrivs till en tredjedel i projektform.
6F2107 Telecommunication	5	7,5	B	45	8	16					
6F2111 Mathematical Statistics	3	4,5	B	23	22	-					
6F2114 Digital Systems	4	6	B	-	-	-					
6F2116 Telecommunication	6	9	B	45	15	24					
6F2117 Automation	6	9	B	-	-	-					
6F2902 Business Administration	3	4,5	B	26	-	4					
6F2903 Environment and Work Science	4	6	B	26	25	-					Beräknad projektarbetstid 40 h

Elective

6A2915 Object Programming with C++	4	6	B	-	-	-					
6A2916 Communication and Multimedia	4	6	C	-	-	-					
6A2918 Electrical Energy Techniques	4	6	C	28	20	16					
6A2923 3D Visualisation and Multimedia Presentation	4	6	B	42	-	-					
6A2928 Industrial Economics, Advanced Course 1	4	6	B	-	-	-					
6A2932 Musicacoustic	4	6	B	-	-	-					
6A2933 Oral and Written Presentation Techniques, Advanced Course	4	6	B	-	-	-					
6A2935 Digital Documents and Electronic Publishing	4	6	B	-	-	-					
6A2936 Programming in Erlang	4	6	C	-	-	-					
6A2941 Linear Algebra and Multidimensional Calculus	4	6	B	60	-	-					
6A2942 Java for C++ Programmers	4	6	B	-	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2947 Automatic Control, Advanced Course	4	6	C	-	-	-					
6A2949 Medical Electronics	4	6	C	24	-	6					Studiebesök eller seminarium
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2924 Programming in C++	4	6	B	-	-	-					
6B2937 Electronic Pulse Systems	4	6	C	-	-	-					

6B2939 Digital Filters	4	6	C	-	-	-					
6B2955 Mechanical Workshop	4	6	B	-	-	-					
6B2958 Environmentally Adapted Product Design	4	6	B	12	-	32					Första föreläsningen hålls i Kista, övrig undervisning ges på Campus
6B3126 Production Technology	4	6	C	20	-	28					
6B3286 Terms for Contractors	4	6	C	-	-	-					
6B3608 General Aeronautics	4	6	D	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2923 Computer System Skills	4	6	B	-	-	-					
6E2933 Functions of Several Variables	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2937 Digital Signal Processing	4	6	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2949 Digital Audio, Video and Media	4	6	B	-	-	-					
6E2950 VHDL for Programmable Logic	4	6	C	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					

6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2960 Object Oriented Programming with Java	4	6	B	-	-	-					
6F2961 PC Board Design	4	6	B	-	-	-					
6F2963 Audio Electronics	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					
6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					
6F2970 Electronic Pulse Systems	4	6	B	-	-	-					
6F2972 Energy Conversion	4	6	B	30	30	-					
6F2973 RF Measuring Technics	4	6	B	36	-	24					
6F2974 Visual Basic Programming	4	6	B	24	36	-					



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Elektro ingenjör EI3

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2100 Degree Project	10	15	C	-	-	-					
6A2161 Telecommunication Networks	6	9	C	-	-	-					
6A2162 Queuing Theory and Network Planning	4	6	C	-	-	-					
6A2164 Computer Kommunikation	4	6	C	-	-	-					
6A2175 Digital Design	6	9	C	24	12	24					
6A2176 Electronic Circuits Fabrication Processes	4	6	C	28	-	16					Studiebesök 12h (prel)
6A2177 EMC of Electronic Design	4	6	C	28	16	16					
6A2178 Real Time System	6	9	C	24	12	24					
6A2179 System Design Project	6	9	C	-	-	-					160h. Kursen genomförs i projektform med PBI element.
6A2180 EMC of Electronic Design	5	7,5	C	-	-	-					
6A2181 Electronic Circuits Fabrication Processes	3	4,5	C	-	-	-					

6B2100 Degree Project	10	15	C	-	-	-					
6B3101 Mathematical Techniques	4	6	C	26	26	8					
6B3102 Signal Analysis	4	6	C	26	26	8					
6B3103 Communication Theory	4	6	C	26	26	8					
6B3104 Communication Systems	6	9	C	32	12	16					Projekt
6B3105 Digital Communication Techniques	4	6	C	26	26	8					
6B3106 Wireless Communication Systems	4	6	C	26	26	8					
6B3107 Digital Signal Processing	4	6	C	54	-	6					
6B3121 Semiconductor Devices	6	9	C	36	14	20					
6B3122 Digital Design	6	9	C	34	6	24					
6B3123 Analog Design	6	9	C	20	20	24					
6B3124 Electronic System Design	8	12	C	18	18	28					18 grupptimmar
6B3205 Industrial Economics I	6	9	C	-	-	-					
6B3211 Mechatronics	12	18	C	-	-	-					
6B3212 Mechatronic Components	4	6	C	-	-	-					
6B3283 Mechanics	4	6	C	-	-	-					
6E3500 Industrial Business Administration and Marketing	10	15	C	112	4	12					20h (gästföreläsare)
6E3502 Industrial Production of Electronics	8	12	C	28	24	76					
6E3503 Quality Control	5	7,5	C	44	-	12					
6E3504 Law for Engineers	3	4,5	B	36	4	-					
6E3505 Power Electronics	4	6	C	-	-	-					
6E3507 Realtime Systems	4	6	C	-	-	-					
6E3508 Operating Systems	4	6	C	-	-	-					

6E3510 Sensor Technology	4	6	C	28	-	24					
6E3511 Media Technology, General Course	6	9	B	52	-	30					
6E3512 Text- and Image Processing	6	9	C	52	-	30					
6E3513 Digital Media Technology	6	9	C	52	-	-					Projektarbete 30
6E3514 Graphic Technology	4	6	C	39	15	-					
6E3515 Computer Networks and Communication	4	6	C	39	-	15					
6E3528 Applied Mathematics	4	6	C	-	-	-					
6E3529 Algorithms and Data Structures	4	6	C	28	-	28					
6E3530 Object Oriented Programming	4	6	C	24	-	24					
6E3531 Computer Networks	3	4,5	C	-	-	-					
6E3533 Applied Control Engineering	4	6	C	16	16	-					
6E3535 Computer Communication, Intermediate Course	3	4,5	C	-	-	-					
6E3538 Industrial Production of Electronics with Business Project	10	15	C	-	-	-					
6E3581 Degree Project in Industrial Business Adm. & Manufacturing	10	15	C	-	-	-					
6E3582 Degree Project in Industrial Systems Technology	10	15	C	-	-	-					
6E3585 Degree Project in Applied Computer Science	10	15	C	-	-	-					
6F3600 Quality Technology and Process Improvement	5	7,5	C	64	-	-					
6F3601 Production Management I	4	6	C	45	15	-					
6F3602 Degree Project	10	15	C	-	-	-					

6F3640 Signal Processing	6	9	C	40	20	15					En sjättedel i projektform. Projektarbetstid ca 40 h.
6F3641 Electrical Measuring Technics	5	7,5	C	30	-	30					En fjärdedel i projektform. Projektarbetstid ca 40 h.
6F3643 Concurrent Engineering	2	3	C	15	15	-					
Elective											
6A2107 Telecommunications	5	7,5	B	45	8	16					
6A2163 Unix/C++	4	6	C	-	-	-					
6A2165 Telecommunication Switching	4	6	C	-	-	-					
6A2166 Mobil Communication	4	6	C	-	-	-					
6A2167 Process Programming	4	6	C	-	-	-					
6A2168 Real Time Applications	4	6	C	-	-	-					
6A2915 Object Programming with C++	4	6	B	-	-	-					
6A2916 Communication and Multimedia	4	6	C	-	-	-					
6A2918 Electrical Energy Techniques	4	6	C	28	20	16					
6A2923 3D Visualisation and Multimedia Presentation	4	6	B	42	-	-					
6A2932 Musicacoustic	4	6	B	-	-	-					
6A2933 Oral and Written Presentation Techniques, Advanced Course	4	6	B	-	-	-					
6A2935 Digital Documents and Electronic Publishing	4	6	B	-	-	-					
6A2936 Programming in Erlang	4	6	C	-	-	-					
6A2942 Java for C++ Programmers	4	6	B	-	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2947 Automatic Control, Advanced Course	4	6	C	-	-	-					

6A2948 Engineering Applications Using MATLAB The course will be presented by John Nordgård, visiting professor from UCCS, Colorado Springs, US	4	6	C	-	-	-						
6A2949 Medical Electronics	4	6	C	24	-	6						Studiebesök eller seminarium
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-						
6B2408 Multimedia Programming	4	6	B	-	-	-						
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-						
6B2937 Electronic Pulse Systems	4	6	C	-	-	-						
6B2939 Digital Filters	4	6	C	-	-	-						
6B2955 Mechanical Workshop	4	6	B	-	-	-						
6B2958 Environmentally Adapted Product Design	4	6	B	12	-	32						Första föreläsningen hålls i Kista, övrig undervisning ges på Campus
6B3108 Coding for Error Correcting Control	4	6	C	-	48	8						
6B3125 VLSI Technology	4	6	C	24	-	32						
6B3126 Production Technology	4	6	C	20	-	28						
6B3288 Industrial Economics, Advanced Course	4	6	C	-	-	-						
6B3608 General Aeronautics	4	6	D	-	-	-						
6D2940 Water Chemistry	5	7,5	B	12	22	16						Kursen drivs i projektform.
6E2926 Object-Oriented Programming with Java	4	6	C	-	-	-						
6E2933 Functions of Several Variables	4	6	B	-	-	-						
6E2936 Contemporary Technology	2	3	B	-	-	-						

6E2937 Digital Signal Processing	4	6	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2949 Digital Audio, Video and Media	4	6	B	-	-	-					
6E2950 VHDL for Programmable Logic	4	6	C	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E2968 Visual Basic	4	6	B	-	-	-					
6E3507 Realtime Systems	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					
6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2960 Object Oriented Programming with Java	4	6	B	-	-	-					
6F2961 PC Board Design	4	6	B	-	-	-					
6F2963 Audio Electronics	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					

6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					
6F2970 Electronic Pulse Systems	4	6	B	-	-	-					
6F2972 Energy Conversion	4	6	B	30	30	-					
6F2973 RF Measuring Technics	4	6	B	36	-	24					
6F2974 Visual Basic Programming	4	6	B	24	36	-					

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Elektroekonomi ingenjör EE1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2105 Mesaurement and Simulations	4	6	B	18	4	36					Kursen bedrivs till en tredjedel i projektform
6A2108 Analog Electronics	4	6	B	-	-	-					
6A2109 Analog Systems	4	6	B	-	-	-					
6A2112 Electrical Circuits	4	6	B	-	-	-					
6A2113 Mathematics	10	15	B	65	60	24					
6A2115 Computer Programming	6	9	B	25	22	32					
6A2901 Engineering Skills	6	9	B	-	-	-					
6A2951 Financial Accounting	5	7,5	B	-	-	-					


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Elektroekonomi ingenjör EE2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2003 Digital and Computer Technology	8	12	B	-	-	-					
6A2104 Industrial automation	5	7,5	B	21	21	18					Kursen bedrivs till en tredjedel i projektform
6A2107 Telecommunications	5	7,5	B	45	8	16					
6A2111 Mathematical statistics	3	4,5	B	23	22	-					
6A2114 Digital Systems	4	6	B	-	-	-					
6A2903 Environmental technology & work science	4	6	B	-	-	-					
6A2952 Cost Benneficial Analysis	5	7,5	B	-	-	-					
6A2953 Organisation and Individual	5	7,5	B	-	-	-					
6A2955 Marketing	5	7,5	B	-	-	-					
Elective											
6A2925 Accounting, Intermediate Course	5	7,5	B	-	-	-					Kursen genomföres som självstudiekurs baserad på Internet-teknik (distanskurs)

[6A2927 Economic Analysis, Advanced Course](#)

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7,5

B

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Kursen genomförs som självstudiekurs baserad på Internet-teknik (distanskurs)

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Elektroekonomi ingenjör EE3

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6A2100 Degree Project	10	15	C	-	-	-					
6A2161 Telecommunication Networks	6	9	C	-	-	-					
6A2162 Queuing Theory and Network Planning	4	6	C	-	-	-					
6A2164 Computer Kommunikation	4	6	C	-	-	-					
6A2175 Digital Design	6	9	C	24	12	24					
6A2178 Real Time System	6	9	C	24	12	24					
6A2179 System Design Project	6	9	C	-	-	-					160h. Kursen genomförs i projektform med PBI element.
6A2180 EMC of Electronic Design	5	7,5	C	-	-	-					
6A2181 Electronic Circuits Fabrication Processes	3	4,5	C	-	-	-					
6A2955 Marketing	5	7,5	B	-	-	-					
Elective											

6A2163 Unix/C++	4	6	C	-	-	-					
6A2165 Telecommunication Switching	4	6	C	-	-	-					
6A2166 Mobil Communication	4	6	C	-	-	-					
6A2167 Process Programming	4	6	C	-	-	-					
6A2168 Real Time Applications	4	6	C	-	-	-					
6A2925 Accounting, Intermediate Course	5	7,5	B	-	-	-					Kursen genomföres som självstudiekurs baserad på Internet-teknik (distanskurs)
6A2927 Economic Analysis, Advanced Course	5	7,5	B	-	-	-					Kursen genomförs som självstudiekurs baserad på Internet-teknik (distanskurs)
6A2956 Marketing Communication	5	7,5	B	-	-	-					

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Kemi ingenjör KI1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6D2310 Mathematics	8	12	B	120	-	3					
6D2311 Mathematical Statistics	3	4,5	B	45	-	8					
6D2320 General and Physical Chemistry	9	13,5	B	36	16	38					
6D2321 Organic Chemistry	5	7,5	B	46	15	36					
6D2322 Analytical Chemistry	5	7,5	B	42	-	24					
6D2901 Engineering Skills	6	9	B	22	8	24					Kursen drivs i projektform. Beräknad projektarbetstid 120 h
Elective											
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6D2942 Material Technology	4	6	C	26	12	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					

6E2945 Communicative Tools	4	6	B	-	-	-				
6E2948 Text, Image and Design	4	6	B	-	-	-				

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Kemi ingenjör KI2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6D2330 Chemical Engineering and Technology I	16	24	C	155	-	72					
6D2332 Electrical Measurements, Control Theory and Practice	4	6	B	42	-	21					
6D2333 Biochemistry with Microbiology	5	7,5	C	42	-	24					
6D2334 Industrial Ecology and Chemical Hazzards	4	6	B	32	8	-					Seminarium 4h
6D2902 Industrial Economics	3	4,5	B	33	-	4					
Elective											
6A2941 Linear Algebra and Multidimensional Calculus	4	6	B	60	-	-					
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					

6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6D2941 Organic Chemistry, Advanced Course I	4	6	C	20	-	-					Diskussioner delvis baserade på material som kursdeltagarna presenterar.
6D2942 Material Technology	4	6	C	26	12	-					
6D2943 Organic Chemistry, Advanced Course 2	4	6	D	20	10	30					
6D2945 Bio-inorganic Chemistry	4	6	B	16	8	-					Övrigt 12h
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					



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Kemi ingenjör KI3

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6D3700 Process Safety	4	6	D	26	21	-					
6D3701 Analytical Chemistry 2	5	7,5	D	20	10	40					
6D3702 Environmental Technology and Environmental Impact Studies	6	9	D	28	7	10					
6D3703 Applied Environmental Legislation	3	4,5	D	30	6	-					
6D3704 Chemical Engineering and Technology 2	8	12	D	33	3	-					Beräknad projektarbetstid 190 h
6D3790 Degree Project	10	15	D	-	-	-					10 veckors heltidsarbete
Elective											
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					

6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6D2941 Organic Chemistry, Advanced Course I	4	6	C	20	-	-					Diskussioner delvis baserade på material som kursdeltagarna presenterar.
6D2942 Material Technology	4	6	C	26	12	-					
6D2943 Organic Chemistry, Advanced Course 2	4	6	D	20	10	30					
6D2944 Organisational Development and Leadership	4	6	C	-	-	-					8 heldagar
6D2945 Bio-inorganic Chemistry	4	6	B	16	8	-					Övrigt 12h
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					



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Maskin ingenjör MI1

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6B2201 Mechanics	5	7,5	B	-	60	8					
6B2203 Engineering Materials	5	7,5	B	-	10	9					
6B2204 Machine Design, General Course	6	9	B	-	55	40					
6B2209 Computer Science	3	4,5	B	-	25	12					
6B2210 Mathematics	8	12	B	84	16	8					
6B2214 Machine Design, General Course	7	10,5	B	-	-	-					
6B2215 Production Engineering, General Course	7	10,5	B	-	-	-					
6B2901 Engineering Skills	6	9	B	22	8	24					Kursen drivs i projektform. Beräknad projektarbetstid 120 h.
6E2201 Mechanics	5	7,5	B	-	-	-					
6E2203 Engineering Materials	5	7,5	B	-	-	-					
6E2209 Computer Science	3	4,5	B	-	25	12					
6E2210 Mathematics	8	12	B	-	-	-					

6E2214 Machine Design, General Course	7	10,5	B	-	-	-					
6E2215 Production Engineering, General Course	7	10,5	B	-	-	-					
6E2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.
6F2201 Mechanics	5	7,5	B	-	60	8					
6F2203 Engineering Materials	5	7,5	B	-	50	9					
6F2209 Computer Science	3	4,5	B	-	25	12					
6F2210 Mathematics	8	12	B	84	16	8					
6F2214 Machine Design, General Course	7	10,5	B	-	-	-					
6F2215 Production Engineering, General Course	7	10,5	B	-	-	-					
6F2901 Engineering Skills	6	9	B	22	8	24					Kursen bedrivs i projektform. Beräknad projektarbetstid 120 h.

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Maskin ingenjör MI2

Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6B2204 Machine Design, General Course	6	9	B	-	55	40					
6B2206 Energy Technology, General Course	5	7,5	B	-	60	8					
6B2207 Electrical Engineering	4	6	B	-	30	9					
6B2208 Automatic Control	4	6	B	-	40	16					
6B2211 Mathematical Statistics	3	4,5	B	-	30	8					
6B2212 Strength of Materials and Solid Mechanics, Basic Course	5	7,5	B	60	8	8					
6B2213 Quality, Basic Course	3	4,5	B	-	-	-					
6B2214 Machine Design, General Course	7	10,5	B	-	-	-					
6B2902 Business Administration	3	4,5	B	26	-	4					
6B2903 Environment and Work Science	4	6	B	24	24	-					Beräknad projektarbetstid 40 h
6E2204 Machine Design, General Course	6	9	B	-	-	-					

6E2206 Energy Technology, General Course	5	7,5	B	-	-	-						
6E2207 Electrical Engineering	4	6	B	-	30	9						
6E2208 Automatic Control	4	6	B	-	40	16						
6E2211 Mathematical Statistics	3	4,5	B	-	-	-						
6E2212 Strength of Materials and Solid Mechanics, Basic Course	5	7,5	B	-	-	-						
6E2213 Quality, Basic Course	3	4,5	B	-	-	-						
6E2214 Machine Design, General Course	7	10,5	B	-	-	-						
6E2902 Business Administration	3	4,5	B	26	-	4						
6E2903 Environment and Work Science	4	6	B	48	-	-						Övningar och laborationer 3 st
6F2206 Energy Technology, General Course	5	7,5	B	-	60	8						
6F2207 Electrical Engineering	4	6	B	-	30	9						
6F2208 Automatic Control	4	6	B	-	40	16						
6F2211 Mathematical Statistics	3	4,5	B	-	30	8						
6F2212 Strength of Materials and Solid Mechanics, Basic Course	5	7,5	B	-	-	-						
6F2214 Machine Design, General Course	7	10,5	B	-	-	-						
6F2216 Finite Element Method	3	4,5	B	20	-	32						
6F2902 Business Administration	3	4,5	B	26	-	4						
6F2903 Environment and Work Science	4	6	B	26	25	-						Beräknad projektarbetstid 40 h
Elective												
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-						
6A2947 Automatic Control, Advanced Course	4	6	C	-	-	-						

6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2955 Mechanical Workshop	4	6	B	-	-	-					
6B2956 Production with CAM	4	6	C	-	-	-					
6B2957 Mechanics with Simulation	4	6	C	-	-	-					
6B2958 Environmentally Adapted Product Design	4	6	B	12	-	32					Första föreläsningen hålls i Kista, övrig undervisning ges på Campus
6B2960 Strength of Materials and Solid Mechanics, Adv. Course	4	6	C	-	-	-					
6B2961 Electrical Engineering, Advance Course	4	6	C	24	-	10					Projektarbete 12 h
6B3608 General Aeronautics	4	6	D	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6E2923 Computer System Skills	4	6	B	-	-	-					
6E2933 Functions of Several Variables	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2946 Modelling and Computer Support in Product Development	4	6	C	-	-	-					
6E2947 Eco-management for Enterprises	4	6	C	-	-	-					

6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2954 Mechanical Workshop	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					
6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2961 PC Board Design	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					
6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					
6F2972 Energy Conversion	4	6	B	30	30	-					
6F2974 Visual Basic Programming	4	6	B	24	36	-					
6F2975 C Programming	4	6	B	24	30	-					

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Code Name	Credits	Ects Credits	Level	Lec	Less	Lab	Periods				Other
							1	2	3	4	
Compulsory											
6B2200 Degree Project	10	15	C	-	-	-					
6B3201 Design Methods	4	6	C	-	-	-					
6B3202 Near Net Shape	4	6	C	-	-	-					
6B3203 Product Development	6	9	C	-	-	-					
6B3204 Manufacturing, Advanced Course	6	9	C	-	-	-					
6B3205 Industrial Economics I	6	9	C	-	-	-					
6B3206 Manufacturing	4	6	C	-	-	-					
6B3211 Mechatronics	12	18	C	-	-	-					
6B3212 Mechatronic Components	4	6	C	-	-	-					
6B3284 Control Theory and Practice	4	6	C	-	-	-					
6B3286 Terms for Contractors	4	6	C	-	-	-					
6B3287 Industrial Management	4	6	C	-	-	-					

6B3288 Industrial Economics, Advanced Course	4	6	C	-	-	-					
6B3600 Degree Project	10	15	C	-	-	-					Minst 10 veckor.
6B3601 Aircraft Propulsion Engines	3	4,5	C	42	-	3					Studiebesök
6B3602 Applied Aeronautical Technology	5	7,5	C	66	6	3					Studiebesök
6B3603 Aircraft Systems Technology	6	9	C	90	-	-					Studiebesök
6B3604 Avionics	3	4,5	C	39	3	3					Studiebesök
6B3605 Aircraft Operations and Maintenance Engineering	6	9	C	90	-	-					Studiebesök
6B3606 Aircraft Structures and Materials	4	6	C	54	3	3					
6B3607 Man-machine Systems	3	4,5	C	39	3	3					
6E3500 Industrial Business Administration and Marketing	10	15	C	112	4	12					20h (gästföreläsare)
6E3501 Production Engineering, Intermediate Course	8	12	C	-	-	-					
6E3503 Quality Control	5	7,5	C	44	-	12					
6E3504 Law for Engineers	3	4,5	B	36	4	-					
6E3510 Sensor Technology	4	6	C	28	-	24					
6E3516 Design Processes	5	7,5	C	-	-	-					
6E3517 Design for Manufacturing	5	7,5	C	-	-	-					
6E3518 Machine Elements, Intermediate Course	3	4,5	C	-	-	-					
6E3519 Applied Mechanics	5	7,5	C	-	-	-					
6E3520 Solid Mechanics with FEM, Intermediate Course	4	6	C	-	-	-					
6E3521 Quality Assurance in the Design Process	4	6	C	-	-	-					

6E3528 Applied Mathematics	4	6	C	-	-	-					
6E3529 Algorithms and Data Structures	4	6	C	28	-	28					
6E3530 Object Oriented Programming	4	6	C	24	-	24					
6E3531 Computer Networks	3	4,5	C	-	-	-					
6E3532 Applied Mechanics	4	6	C	-	-	-					
6E3534 Computer Communication, General Course	3	4,5	B	-	-	-					
6E3580 Degree Project in Mechanical Design	10	15	C	-	-	-					
6E3581 Degree Project in Industrial Business Adm. & Manufacturing	10	15	C	-	-	-					
6E3585 Degree Project in Applied Computer Science	10	15	C	-	-	-					
6F3600 Quality Technology and Process Improvement	5	7,5	C	64	-	-					
6F3601 Production Management I	4	6	C	45	15	-					
6F3602 Degree Project	10	15	C	-	-	-					
6F3660 Industrial Economics	4	6	C	30	15	15					
6F3661 Production Technology	6	9	C	60	15	15					
6F3662 Production Management 2	4	6	C	30	30	-					
6F3663 Concurrent Engineering	3	4,5	C	22	22	-					
Elective											
6A2946 Multimedia 2B: Desktop Video Production	4	6	C	-	-	-					
6A2947 Automatic Control, Advanced Course	4	6	C	-	-	-					

6A2950 From relay to Asic: The history of computerization	4	6	C	-	-	-					
6B2408 Multimedia Programming	4	6	B	-	-	-					
6B2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6B2922 Computer Assisted Technical Information	4	6	B	-	-	-					
6B2955 Mechanical Workshop	4	6	B	-	-	-					
6B2958 Environmentally Adapted Product Design	4	6	B	12	-	32					Första föreläsningen hålls i Kista, övrig undervisning ges på Campus
6B2960 Strength of Materials and Solid Mechanics, Adv. Course	4	6	C	-	-	-					
6B3280 Computer Aided Design in 3-D	4	6	C	-	-	-					
6B3288 Industrial Economics, Advanced Course	4	6	C	-	-	-					
6B3290 Management	4	6	C	14	28	-					
6B3608 General Aeronautics	4	6	D	-	-	-					
6D2940 Water Chemistry	5	7,5	B	12	22	16					Kursen drivs i projektform.
6E2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6E2926 Object-Oriented Programming with Java	4	6	C	-	-	-					
6E2933 Functions of Several Variables	4	6	B	-	-	-					
6E2936 Contemporary Technology	2	3	B	-	-	-					
6E2938 Supply and Marketing	4	6	B	-	-	-					
6E2939 Risk Management	4	6	B	-	-	-					
6E2945 Communicative Tools	4	6	B	-	-	-					
6E2946 Modelling and Computer Support in Product Development	4	6	C	-	-	-					

6E2947 Eco-management for Enterprises	4	6	C	-	-	-					
6E2948 Text, Image and Design	4	6	B	-	-	-					
6E2951 Unix with Internet	4	6	C	-	-	-					
6E2968 Visual Basic	4	6	B	-	-	-					
6E3801 Management and Leadership	4	6	C	-	-	-					
6E3804 Business Logistics and Transport Systems	4	6	C	-	-	-					
6F2909 Advanced Project in Mechanics	4	6	C	-	-	-					
6F2953 History of Mathematics	4	6	B	-	-	-					
6F2954 Mechanical Workshop	4	6	B	-	-	-					
6F2955 Environmental Priority Strategies in Product Design	4	6	B	-	-	-					
6F2956 Internet Programming	4	6	B	-	-	-					
6F2957 Technical English	4	6	B	-	-	-					
6F2961 PC Board Design	4	6	B	-	-	-					
6F2965 Start Out in Business	4	6	B	-	-	-					
6F2967 Process Analysis	4	6	B	-	-	-					
6F2968 English "Cross Cultural Understanding"	4	6	B	-	-	-					
6F2972 Energy Conversion	4	6	B	30	30	-					
6F2974 Visual Basic Programming	4	6	B	24	36	-					
6F2975 C Programming	4	6	B	24	30	-					

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