

Study Handbook

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Previous academic year (05/06)

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Constructional Engineering and Design

Constructional Engineering and Design TIBYH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2200 Engineering project <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6H2201 Building Physics <i>Under bearbetning</i>	5	A	-	-	-	-	1				
6H2202 Structural Mechanics 1 <i>Under bearbetning</i>	5	A	-	-	-	-		2			
6H2203 Structural Mechanics 2	5	A	-	-	-	-			3		
6H2204 Surveying and Mathematical Statistics	5	A	-	-	-	-				4	
6H2208 Mathematics and Statistics <i>Under bearbetning</i>	5	A	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-		2			
Elective Courses											
6A2300 Introduction to Mathematics	1	A	-	-	-	-	1				
6A2301 Introduction to Computer Studies	1	A	-	-	-	-					

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Constructional Engineering and Design

Constructional Engineering and Design TIBYH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2205 <u>Project, Civil Engineering Management</u> <i>Under bearbetning</i>	5	A	-	-	-	-	1				
6H2206 <u>Fluid Mechanics</u>	5	A	-	-	-	-		2			
6H2207 <u>Structural Design in Civil Engineering</u>	5	C	-	-	-	-			3		
6H2209 <u>Urban Planning</u>	5	A	-	-	-	-			3		
6H2210 <u>Structure and Design</u> <i>Under bearbetning</i>	5	A	-	-	-	-				4	
6H2211 <u>Geology and Soil Mechanics</u> <i>Under bearbetning</i>	5	C	-	-	-	-				4	
6H2902 <u>Business Economics and Organizational Behaviour</u> <i>Under bearbetning</i>	5	A	-	-	-	-		2			
6H2903 <u>Environmental Science and Work Science</u>	5	A	-	-	-	-	1				

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Constructional Engineering and Design

Constructional Engineering and Design TIBYH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2904 Engineering Practice and Development	5	A	-	-	-	-			3		
Conditionally Elective Courses											
1A1H04 Architecture, Basic Course <i>Under bearbetning</i>	5	C	-	-	-	-		2			
6H3200 Building Services and Energy	5	C	-	-	-	-	1				
6H3201 Concrete Structures for Bridgeconstructions	5	C	-	-	-	-		2			
6H3202 Tendering <i>Under bearbetning</i>	5	C	-	-	-	-	1				
6H3203 Coordinated Computer Aided Design <i>Under bearbetning</i>	5	C	-	-	-	-		2			
6H3205 Water Resources Engineering with GIS	5	C	-	-	-	-	1				
6H3206 Planning, Design of a Construction Project <i>Under bearbetning</i>	5	C	-	-	-	-			3		
6H3207 Moisture Related Damages	5	C	-	-	-	-		2			
6H3208 Steel- and Timber Structures <i>Under bearbetning</i>	5	C	-	-	-	-	1				
6H3209 Lighting and Acoustics	5	A	-	-	-	-			3		
6H3210 Economic and technical real estate management	5	C	-	-	-	-		2			
6H3211 Structural Design of a House Project	5	C	-	-	-	-			3		
6H3212 Structural Design of a Infra Structural Project	5	C	-	-	-	-					
6H3213 Architecture, the sketch process <i>Under bearbetning</i>	5	B	-	-	-	-	1				
6H3290 Degree Project in Construction Management	10	C	-	-	-	-					
6H3291 Degree Project in Building Design	10	C	-	-	-	-					
6H3292 Degree Project in Constructional Engineering and Design	10	C	-	-	-	-					
6H3293 Degree Proj in Constructional Engineering&DesignwithBus.Ec <i>Under bearbetning</i>	10	C	-	-	-	-					

Elective Courses

<u>6H2906 Business Economics&Organizational Behaviour, Interm.Course</u> <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	
<u>6S2419 Management</u>	5	B	-	-	-	-		2			
<u>6S2921 Civil and Commercial Law for Engineers</u> <i>Under bearbetning</i>	5	B	-	-	-	-			3		

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Computer Engineering TIDAB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2B1560 Digital Design	5	A	24	22	-	16		2			
2G1518 Computer Hardware Engineering	5	B	20	20	-	12			3		
6B2917 Engineering Skills	5	A	-	-	-	-	1				
6B2970 Mathematics I	5	A	40	50	-	-	1				
6B2971 Mathematics II	5	B	40	50	-	-			3		
Conditionally Elective Courses											
6B2915 Programming I, Java	5	A	38	-	-	32		2			
6B2916 Programming I, C#	5	A	38	-	-	32		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

*The course has limited participation

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Computer Engineering

Computer Engineering TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2015 Internet Applications	5	A	30	-	-	40		2			
6B2016 Discrete Mathematics	5	A	20	20	-	3	1				
Conditionally Elective Courses											
6B2017 Object Oriented Programming, Intermediate Course, JAVA	5	C	26	14	-	16	1				
6B2018 Object Oriented Programming, Intermediate Course, C#	5	C	30	-	-	40	1				
Under bearbetning											

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Computer Networks TIDAB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2945 Computer Networks	5	B	28	10	-	16				4	
6B2965 IT in Business	5	B	-	-	-	25				4	

Computer Networks TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2019 <u>Operating Systems</u>	5	A	20	10	-	40		2			
6B2020 <u>Computer Servers in Local Networks</u> <i>Under bearbetning</i>	6	B	24	-	-	40			3	4	
6B2021 <u>Project Work on Local Area Networks</u> <i>Under bearbetning</i>	6	B	20	-	-	-			3	4	
6B2022 <u>Network Protocol</u> <i>Under bearbetning</i>	4	B	8	16	-	12			3		
6B2912 <u>Industrial Economics</u>	4	A	-	-	-	-				4	

Computer Networks TIDAB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2050 Data Storage Paradigms	5	C	28	20	-	12	1				
6B2051 Wide Area Networks	5	C	20	-	-	22	1				
6B2052 Wireless Data Networks	4	C	-	-	-	-		2			
6B2053 ICT Project	8	C	-	-	-	-		2	3		Project work 280 h
6B2090 Degree Project in Computer Networks	10	C	-	-	-	-				4	
<i>Under bearbetning</i>											
6B3008 Secure Network	4	A	24	-	-	22			3		
Elective Courses											
6B2964 Advanced Routing	5	A	-	-	-	-		2			

<u>6B3015 Selectable Specialisation</u> <i>Under bearbetning</i>	4	C	-	-	-	-	2			
<u>6B3042 System Performance and Simulation</u> <i>Under bearbetning</i>	4	C	-	-	-	-	2			

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Industrial Economy TIDAB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2092 Degree Project in Computer Engineering with Economy <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B2272 Industrial Economics, Advanced Course 2	5	C	12	46	-	12	1				
6B2273 Management <i>Under bearbetning</i>	5	C	48	-	-	-		2	3		
6B2309 ERP Systems <i>Under bearbetning</i>	4	B	24	-	-	24			3		
6B2349 Logistics <i>Under bearbetning</i>	4	B	20	-	-	8		2			
6B3289 Databases No resources for content/schema adaptation. <i>Under bearbetning</i>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B2274 Marketing and Supply <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B3286 Entrepreneurship <i>Under bearbetning</i>	4	A	-	-	40	-			3		

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Software Engineering TIDAB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2030 Object Oriented Design	5	B	25	-	-	25				4	
6B2945 Computer Networks	5	B	28	10	-	16				4	

Software Engineering TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2025 Algorithms and Data Structures	5	A	30	-	-	40		2			
6B2026 Object Oriented Design and UML	5	A	30	-	-	40			3		
6B2027 Project on Object Oriented Software Development <i>Under bearbetning</i>	6	B	4	4	-	-			3	4	Project 100 h
6B2912 Industrial Economics	4	A	-	-	-	-			3		
Conditionally Elective Courses											
6B2028 Internet Applications, Intermediate Course, Java <i>Under bearbetning</i>	5	C	30	-	-	40				4	
6B2029 Internet Applications, Intermediate Course, .NET with C# <i>Under bearbetning</i>	5	C	30	-	-	40				4	

Software Engineering TIDAB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2050 Data Storage Paradigms	5	C	28	20	-	12	1				
6B2053 ICT Project	8	C	-	-	-	-		2	3		Project work 280 h
6B2060 Mathematics for Programmers	5	C	-	-	-	-	1				
6B2061 Design of Global Applications <i>Under bearbetning</i>	4	C	-	-	-	-		2			

<u>6B2065</u> Advanced Information Handling with XML <i>Strictly a Swedish spoken course</i> <i>Under bearbetning</i>	4	C	-	-	-	-			3		
<u>6B2091</u> Degree Project in Software Engineering <i>Under bearbetning</i>	10	C	-	-	-	-				4	
Elective Courses											
<u>6B3004</u> Functional and Logical Programming <i>Under bearbetning</i>	4	C	-	-	-	-			2		
<u>6B3015</u> Selectable Specialisation <i>Under bearbetning</i>	4	C	-	-	-	-			2		
<u>6B3020</u> Computer Music <i>Under bearbetning</i>	5	C	-	-	-	-			3	4	

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Computer and Electrical Engineering

Computer and Electrical Engineering TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6A2300 Introduction to Mathematics	1	A	-	-	14	-	1				
6A2301 Introduction to Computer Studies	1	A	-	-	14	-	1				

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Computer and Electrical Engineering

Computer and Electrical Engineering TIDEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Elective Courses												
6S2419 Management	5	B	-	-	-	-		2				
6S2920 Account and Entrepreneurship <i>Under bearbetning</i>	5	B	-	-	-	-		2				
6S2921 Civil and Commercial Law for Engineers <i>Under bearbetning</i>	5	B	-	-	-	-			3			

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Computer Technology, Software and System Development TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2003 Data Communications and Networks	5	A	-	-	-	-		2			
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course <i>Under bearbetning</i>	5	A	-	-	-	-	1				
6H3009 Digital and Micro Computer Technology	5	B	-	-	-	-		2			
6H3102 Operating Systems <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6H3115 Computer Engineering Project <i>Under bearbetning</i>	5	B	-	-	-	-				4	
6H3120 Discrete Mathematics <i>Under bearbetning</i>	5	B	-	-	-	-				4	

Computer Technology, Software and System Development TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6H3000 Mathematics and Statistics <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6H3101 Object Oriented Programming using Java	5	B	-	-	-	-	1				
6H3102 Operating Systems <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6H3105 Software Project <i>Under bearbetning</i>	5	C	-	-	-	-				4	
6H3109 Database Technology	5	A	-	-	-	-	1				
6H3116 Data Structures and Algorithms <i>Under bearbetning</i>	5	B	-	-	-	-		2			
6H3121 The Internet Protocols and Network Programming <i>Under bearbetning</i>	5	B	-	-	-	-		2			

Computer Technology, Software and System Development TIDEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H3109 Database Technology	5	A	-	-	-	-	1				
Conditionally Elective Courses											
6H3500 Software Engineering	5	C	-	-	-	-		2			
6H3501 Distributed Systems I	5	C	-	-	-	-	1				
6H3502 Distributed Systems II	5	C	-	-	-	-		2			
6H3504 Software Development, project	5	C	-	-	-	-			3		
6H3505 Programming of Mobile Services	5	C	-	-	-	-			3		
Elective Courses											
6H2906 Business Economics&Organizational Behaviour, Interm.Course <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	

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Computer Networks, Communication and Security TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2003 Data Communications and Networks	5	A	-	-	-	-	-	2			
6H2900 Engineering and Information Skills	5	A	-	-	-	-	-	1			
6H2901 Mathematics I	5	A	-	-	-	-	-		3		
6H2950 Computer Programming, Basic Course <i>Under bearbetning</i>	5	A	-	-	-	-	-	1			
6H3008 Computer Networks, Project <i>Under bearbetning</i>	5	B	-	-	-	-	-			4	
6H3009 Digital and Micro Computer Technology	5	B	-	-	-	-	-	2			
6H3010 Operating Systems and System Administration <i>Under bearbetning</i>	5	B	-	-	-	-	-		3		
6H3011 Mathematics 2	5	A	-	-	-	-	-			4	

Computer Networks, Communication and Security TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6H3001 Object Oriented Programming	5	B	-	-	-	-	1				
6H3002 Electronics I <i>Under bearbetning</i>	5	B	-	-	-	-		2			
6H3004 Telecommunication	5	B	-	-	-	-			3		
6H3011 Mathematics 2	5	A	-	-	-	-	1				
6H3012 Queueing theory and mathematical statistics	5	A	-	-	-	-		2			
6H3013 Digital Communications <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6H3014 Digital Communication, Project Course <i>Under bearbetning</i>	5	C	-	-	-	-				4	

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Electronics and Computer Systems TIDEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2904 Engineering Practice and Development	5	A	-	-	-	-			3		
6H3094 Degree Project in Electronics and Computer Systems <i>Under bearbetning</i>	10	C	-	-	-	-					
Conditionally Elective Courses											
6H3560 Digital Design with VHDL	5	C	-	-	-	-	1				
6H3561 Real Time Systems	5	C	-	-	-	-		2			
6H3562 Systems on PCB Level, Project Course	10	C	-	-	-	-		2	3		
6H3563 EMC Electronics	5	C	-	-	-	-	1				
Elective Courses											
6H2906 Business Economics&Organizational Behaviour, Interm.Course <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	

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Medical Technology TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2861 Biological Chemistry	5	B	-	-	-	-			3		
6L2870 Anatomy, Physiology and Pathology	10	A	-	-	-	-			3	4	
6S2001 Digital Electronics	5	A	-	-	-	-	1				
6S2900 Engineering and Information Skills	5	A	-	-	-	-				4	
6S2901 Mathematics I	5	A	-	-	-	-		2			
6S2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-	1				
6S2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			
Elective Courses											
6L2859 A Medical Overview <i>Under bearbetning</i>	2	A	-	-	-	-			3		
6L2860 Introduction to Chemistry <i>Under bearbetning</i>	1	A	-	-	-	-			3		

Medical Technology TIDEL2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2002 Computer Engineering	5	A	-	-	-	-		2			
6L2868 Intensive Care and Surgical Devices	5	C	-	-	-	-	1				
6L2869 Medical Measurement and Monitoring	5	C	-	-	-	-	1				
6L2903 Environmental Science and Work Science	5	A	-	-	-	-		2			
6S2002 Computer Engineering	5	A	-	-	-	-			3		
6S2903 Environmental Science and Work Science	5	A	-	-	-	-			3		
6S3052 Analogue Technology	5	B	-	-	-	-				4	
6S3053 Applied Mathematics	5	B	-	-	-	-				4	

Medical Technology TIDEL3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2866 Medical Imaging Systems	5	C	-	-	-	-				4	
6L2867 Clinical Engineering	5	C	-	-	-	-				4	
6L2902 Business Economics and Organizational Behaviour <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6L2904 Engineering Practice and Development <i>Under bearbetning</i>	5	A	-	-	-	-	1				
6L3005 Signals and Systems <i>Under bearbetning</i>	5	B	-	-	-	-	1				
6L3006 Electronic Design, Project Course <i>Under bearbetning</i>	5	C	-	-	-	-			3		
6L3099 Degree Project in Medical Technology	10	C	-	-	-	-		2			

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Computer and Electrical Engineering

Computer and Electrical Engineering TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6E2301 Introduction to Computer Studies	1	A	-	-	-	-					

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Computer and Electrical Engineering

Computer and Electrical Engineering TIDES3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Elective Courses												
6S2419 Management	5	B	-	-	-	-		2				
6S2920 Account and Entrepreneurship <i>Under bearbetning</i>	5	B	-	-	-	-		2				
6S2921 Civil and Commercial Law for Engineers <i>Under bearbetning</i>	5	B	-	-	-	-			3			

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Computer and Electrical Engineering

Computer Technology, Graphics and Realtime Programming TIDES3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2904 Engineering Practice and Development	5	A	-	-	-	-			3		
Conditionally Elective Courses											
6S3091 Degree Project in Computer Technology and Real Time Programming	10	C	-	-	-	-					
6S3092 Degree Project in Computer Technology and Software Development	10	C	-	-	-	-					
6S3093 Degree Project in Computer Technology and Graphic Programming	10	C	-	-	-	-					
6S3600 Operating System Theory	5	C	-	-	-	-	1				
6S3601 Advanced Object Oriented Programming	5	C	-	-	-	-	1				
6S3602 Design Patterns	5	C	-	-	-	-		2			
6S3603 Real Time Programming	5	C	-	-	-	-		2			
6S3604 Real time Operating System, Project Course	5	C	-	-	-	-			3		
Elective Courses											
6H2906 Business Economics&Organizational Behaviour, Interm.Course <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	

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Computer and Electrical Engineering

Computer Technology, Networks and Security TIDES3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2904 <u>Engineering Practice and Development</u>	5	A	-	-	-	-			3		
6S3090 <u>Degree Project in Computer Technology, Networks and Security</u>	10	C	-	-	-	-					
Conditionally Elective Courses											
6S3630 <u>Network Security</u>	5	C	-	-	-	-			3		
6S3631 <u>Wireless Communications</u>	5	C	-	-	-	-	1				
6S3632 <u>Networks, Advanced Course</u>	5	C	-	-	-	-	1				
6S3633 <u>Transaction Security with Cryptography</u>	5	C	-	-	-	-		2			
6S3634 <u>Advanced Internet Technology</u>	5	C	-	-	-	-		2			
Elective Courses											
6H2906 <u>Business Economics&Organizational Behaviour, Interm.Course</u> <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	

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Computer and Electrical Engineering

Electronics, Robotics and Mechatronics TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6S2001 Digital Electronics	5	A	-	-	-	-	-	1				
6S2002 Computer Engineering	5	A	-	-	-	-	-			3		
6S2900 Engineering and Information Skills	5	A	-	-	-	-	-	1				
6S2901 Mathematics I	5	A	-	-	-	-	-		2			
6S2950 Computer Programming, Basic Course	5	A	-	-	-	-	-		2			
6S3050 Design Methods	5	A	-	-	-	-	-			3		
6S3051 Mechatronics I, Project	5	B	-	-	-	-	-				4	
6S3053 Applied Mathematics	5	B	-	-	-	-	-				4	
Elective Courses												
6E2300 Introduction to Mathematics	1	A	-	-	-	-	-					

Electronics, Robotics and Mechatronics TIDES2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-			3		
6S3052 Analogue Technology	5	B	-	-	-	-	1				
6S3053 Applied Mathematics	5	B	-	-	-	-	1				
6S3054 Applied Electronics	5	B	-	-	-	-		2			
6S3055 Dynamics	5	B	-	-	-	-		2			
6S3056 Sensors and Measurement Technology	5	B	-	-	-	-				4	
6S3057 Control Systems	5	C	-	-	-	-			3		
6S3058 Mechatronics 2, Project	5	C	-	-	-	-				4	

Electronics, Robotics and Mechatronics TIDES3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	

Compulsory Courses

6S2904 Engineering Practice and Development	5	A	-	-	-	-		3		
6S3660 Real Time Systems	5	C	-	-	-	-		2		

Conditionally Elective Courses

6S3001 Object Oriented Programming	5	B	30	-	-	28	1			
6S3094 Degree Project in Electronics and Computer Systems	10	C	-	-	-	-				
6S3095 Degree Project in Mechatronics and Robotics	10	C	-	-	-	-				
6S3563 EMC Electronics	5	C	-	-	-	-	1			
6S3663 PLC Programming	5	C	-	-	-	-		2		
6S3666 Robotics	5	B	-	-	-	-		3		

Elective Courses

6H2906 Business Economics&Organizational Behaviour, Interm.Course <i>Under bearbetning</i>	5	A	-	-	-	-		3	4	
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Electronics and Communication

Electronics and Communication TIEMB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2B1560 Digital Design	5	A	24	22	-	16		2			
2G1518 Computer Hardware Engineering	5	B	20	20	-	12			3		
6B2121 Electrical Principals	5	A	22	20	-	16				4	
6B2917 Engineering Skills	5	A	-	-	-	-	1				
6B2945 Computer Networks	5	B	28	10	-	16				4	
6B2970 Mathematics I	5	A	40	50	-	-	1				
6B2971 Mathematics II	5	B	40	50	-	-			3		
Conditionally Elective Courses											
6B2915 Programming I, Java	5	A	38	-	-	32		2			
6B2916 Programming I, C#	5	A	38	-	-	32		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

*The course has limited participation

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Electronics and Communication

Electronics and Communication TIEMB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2120 <u>Calculus</u> <i>Under bearbetning</i>	5	A	30	28	-	-	1				
6B2122 <u>Analog Electronics</u> <i>Under bearbetning</i>	5	B	14	20	-	12	1				
6B2123 <u>Electronic Systems Project</u> <i>Under bearbetning</i>	4	C	-	-	-	-				4	
6B2125 <u>Telecommunication</u> <i>Under bearbetning</i>	6	B	-	-	-	-				4	
6B2912 <u>Industrial Economics</u>	4	A	16	16	-	8		2			
6B2913 <u>Sustainable Technology</u>	4	A	6	12	-	4			3	4	
6B3130 <u>Embedded Systems</u> <i>Under bearbetning</i>	4	B	12	14	-	16			3		
6B3291 <u>Applied Automation Control</u> <i>Under bearbetning</i>	4	B	12	22	-	12		2			
Elective Courses											
6B2118 <u>Medical Electronic Design</u>	5	A	20	-	-	40			3		

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Electronics and Communication

Electronics Design TIEMB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2017 Object Oriented Programming, Intermediate Course, JAVA	5	C	26	14	-	16	1				
6B2051 Wide Area Networks	5	C	20	-	-	22	1				
6B2191 Degree Project in Electronics and Communications <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B3114 VHDL Design <i>Under bearbetning</i>	5	C	16	14	-	24		2			
6B3116 Real Time Systems <i>Under bearbetning</i>	4	C	30	-	-	20			3		
6B3117 Wireless Systems <i>Under bearbetning</i>	5	C	22	22	-	20		2			
6B3119 IT Project Regarding Electronics and Communications <i>Under bearbetning</i>	6	C	4	-	-	-			3		

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Industrial Economy TIEMB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2192 Degree Project in Electrical Engineering with Economy <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B2272 Industrial Economics, Advanced Course 2	5	C	12	46	-	12	1				
6B2273 Management <i>Under bearbetning</i>	5	C	48	-	-	-		2	3		
6B2309 ERP Systems <i>Under bearbetning</i>	4	B	24	-	-	24			3		
6B2349 Logistics <i>Under bearbetning</i>	4	B	20	-	-	8		2			
6B3289 Databases <i>No resources for content/schema adaptation.</i> <i>Under bearbetning</i>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B2274 Marketing and Supply <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B3286 Entrepreneurship <i>Under bearbetning</i>	4	A	-	-	40	-			3		

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Electronics and Communication

Wireless Communication TIEMB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2017 <u>Object Oriented Programming, Intermediate Course, JAVA</u>	5	C	26	14	-	16	1				
6B2050 <u>Data Storage Paradigms</u>	5	C	28	20	-	12	1				
6B2051 <u>Wide Area Networks</u>	5	C	20	-	-	22	1				
6B2191 <u>Degree Project in Electronics and Communications</u> <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B3114 <u>VHDL Design</u> <i>Under bearbetning</i>	5	C	16	14	-	24		2			
6B3116 <u>Real Time Systems</u> <i>Under bearbetning</i>	4	C	30	-	-	20			3		
6B3117 <u>Wireless Systems</u> <i>Under bearbetning</i>	5	C	22	22	-	20		2			
6B3119 <u>IT Project Regarding Electronics and Communications</u> <i>Under bearbetning</i>	6	C	4	-	-	-			3		

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Degree Progr. in ICT Engineering

Degree Progr. in ICT Engineering TIITB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2B1560 Digital Design	5	A	24	22	-	16		2			
2G1518 Computer Hardware Engineering	5	B	20	20	-	12			3		
6B2917 Engineering Skills	5	A	-	-	-	-	1				
6B2945 Computer Networks	5	B	28	10	-	16				4	
6B2970 Mathematics I	5	A	40	50	-	-	1				
6B2971 Mathematics II	5	B	40	50	-	-			3		
Conditionally Elective Courses											
6B2026 Object Oriented Design and UML	5	A	-	-	-	-				4	
6B2121 Electrical Principals	5	A	22	20	-	16				4	
6B2915 Programming I, Java	5	A	38	-	-	32		2			
6B2916 Programming I, C#	5	A	38	-	-	32		2			
6B2965 IT in Business	5	B	-	-	-	25				4	
Recommended Courses											
9E1362 Spoken and Written Swedish*_	4	B	-	-	42	-		2	3		
Elective Courses											
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

*The course has limited participation

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Information Systems

Information Systems TIISB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2B1560 Digital Design	5	A	24	22	-	16		2			
2G1518 Computer Hardware Engineering	5	B	20	20	-	12			3		
6B2917 Engineering Skills	5	A	-	-	-	-	1				
6B2945 Computer Networks	5	B	28	10	-	16				4	
6B2965 IT in Business	5	B	-	-	-	25				4	
6B2970 Mathematics I	5	A	40	50	-	-	1				
6B2971 Mathematics II	5	B	40	50	-	-			3		
Conditionally Elective Courses											
6B2915 Programming I, Java	5	A	38	-	-	32		2			
6B2916 Programming I, C#	5	A	38	-	-	32		2			
Elective Courses											
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

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Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2017 Object Oriented Programming, Intermediate Course, JAVA	5	C	38	-	-	40				4	
6B2050 Data Storage Paradigms	5	C	28	20	-	12	1				
6B2315 Systems Planning and Security	4	A	24	8	-	-			3		
6B2353 Enterprise Systems, Configuration and Modification	5	C	12	48	-	-				4	
6B2356 Logistics, Fundamentals	5	B	20	-	-	8		2			
6B2360 Project Methodology	5	B	-	-	-	-		2			
6B2361 Optimization Theory	5	B	-	-	-	-			3		
6B2362 Descriptive Statistics and Research Methodology	5	B	24	-	-	20	1				
6B2364 Communication and Development in Engineering	1	B	6	6	-	-			3		

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Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2313 IT-Business Systems, Project	6	C	22	-	-	-			3		
6B2319 Commercial Law with Environmental and Work Law	5	A	22	12	-	-	1				
6B2354 Enterprise Application Integration with ERP Systems	5	C	-	-	-	-	1				
6B2355 Financial Control and Reporting	5	C	24	20	-	8		2			
6B2357 Logistics, Advanced Course	5	C	20	-	-	-		2			
6B2399 Degree Project	10	C	-	-	-	-				4	
Elective Courses											
6B2922 Computer Assisted Technical Information	4	A	-	-	-	-			3		
6B2941 Computer Networks, Intermediate Course	5	C	-	-	-	-			3		
6B3035 Object Oriented Programming using C# and .NET	5	A	-	-	-	-			3		

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Chemical Engineering, 120 cr

Chemical Engineering, 120 cr TIKED1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D2310 Mathematics	8	A	120	-	-	-	1	2	3		
6D2322 Analytical Chemistry	5	A	32	-	-	24				4	
6D2323 General and Physical Chemistry	10	A	44	4	-	40	1	2			
6D2324 Organic Chemistry	6	A	30	10	-	36			3		
6D2336 Chemical Engineering and Technology 1	5	B	57	-	-	6				4	
6D2901 Engineering Skills	6	A	32	-	-	-	1	2			
Elective Courses											
6D2300 Introduction to Mathematics	1	A	-	-	-	-	1				
6D2302 Introduction to Chemistry	1	A	-	-	-	-	1				
6D2940 Water Chemistry*₋	5	A	10	-	-	-				4	
6D2946 The Fuel Cell*₋	4	C	18	9	-	-				4	

*The course has limited participation

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Chemical Engineering, 120 cr

Chemical Engineering, 120 cr TIKED2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D2321 Organic Chemistry	5	A	30	10	-	36			3		
6D2330 Chemical Engineering and Technology 1	16	C	158	3	-	72	1	2	3	4	
6D2332 Electrical Measurements, Control Theory and Practice	4	A	35	-	-	12	1				
6D2335 Biotechnology	5	C	30	-	-	24				4	
6D2902 Business Administration	3	A	24	12	-	-		2			
Elective Courses											
6D2940 Water Chemistry*_	5	A	10	-	-	-				4	
6D2941 Organic Chemistry, Advanced Course 1*_	4	C	24	-	-	-			3		
6D2943 Organic Chemistry, Advanced Course 2*_	4	C	20	10	-	30				4	
6D2945 Bio-inorganic Chemistry*_	4	C	24	12	-	-			3		
6D2946 The Fuel Cell*_	4	C	18	9	-	-				4	

*The course has limited participation

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Chemical Engineering, 120 cr

Chemical Engineering, 120 cr TIKED3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D3701 Analytical Chemistry 2	5	C	20	10	-	40		2			
6D3704 Chemical Engineering and Technology 2	8	D	40	-	-	-	1	2	3		
6D3707 Risk Management	4	C	16	-	-	-	1				
6D3708 Environmental Technology	5	C	36	-	-	-	1	2			
6D3710 Environmental Legislation and Environmental Management	4	C	20	-	-	-	1	2			6 h Seminars6 h Seminars
6D3790 Degree Project	10	C	-	-	-	-				4	
Elective Courses											
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production	5	B	18	6	-	24			3		
6D2940 Water Chemistry*₋	5	A	10	-	-	-				4	
6D2941 Organic Chemistry, Advanced Course 1*₋	4	C	24	-	-	-			3		
6D2943 Organic Chemistry, Advanced Course 2*₋	4	C	20	10	-	30				4	
6D2944 Organisational Development and Leadership*₋	4	A	-	-	-	-			3		
6D2945 Bio-inorganic Chemistry*₋	4	C	24	12	-	-			3		
6D2946 The Fuel Cell*₋	4	C	18	9	-	-				4	

*The course has limited participation

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Mechanical Engineering

Mechanical Engineering TIMAS1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6E2301 Introduction to Computer Studies	1	A	-	-	-	-					

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Mechanical Engineering

Mechanical Engineering TIMAS3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6S2921 Civil and Commercial Law for Engineers <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6S3423 Advanced Project <i>Under bearbetning</i>	5	C	-	-	-	-			3		

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Mechanical Engineering

Industrial Business Administration and Manufacturing TIMAS1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2400 Engineering Materials and Production, Project Course	5	B	-	-	-	-				4	
6S2401 Strength of Materials with Statics	5	A	-	-	-	-			3		
6S2402 Computerized Tools in Design Process	5	B	-	-	-	-		2			
6S2403 Engineering Materials and Production	5	A	-	-	-	-	1				
6S2407 Quality Assurance	5	A	-	-	-	-				4	
6S2409 Computer Programming	5	B	-	-	-	-			3		
6S2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6S2901 Mathematics I	5	A	-	-	-	-		2			
Elective Courses											
6E2300 Introduction to Mathematics	1	A	-	-	-	-					

Industrial Business Administration and Manufacturing TIMAS2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2406 Industrial Marketing	5	A	-	-	-	-		2			
6S2408 Electrical and Control Engineering	5	A	-	-	-	-				4	
6S2410 Applied Mathematics	5	B	-	-	-	-	1				
6S2421 Mechanical Design and Energy Technology	5	B	-	-	-	-		2			
6S2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-	1				
6S2903 Environmental Science and Work Science	5	A	-	-	-	-			3		
6S2904 Engineering Practice and Development	5	A	-	-	-	-				4	
6S3401 Manufacturing Process, Intermediate Course	5	C	-	-	-	-			3		

Industrial Business Administration and Manufacturing TIMAS3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2416 Business Calculation and Decision Models	5	A	-	-	-	-	1				
Conditionally Elective Courses											
6S2417 Logistics System <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6S2419 Management	5	B	-	-	-	-		2			
6S2920 Account and Entrepreneurship <i>Under bearbetning</i>	5	B	-	-	-	-		2			
6S2921 Civil and Commercial Law for Engineers <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6S3407 Manufacturing Process, Intermediate Course II	5	C	-	-	-	-	1				
6S3408 Quality Tools for Continual Improvement	5	C	-	-	-	-		2			
6S3409 Industrial Business Administration and Manufacturing, project course <i>Under bearbetning</i>	5	C	-	-	-	-			3		
6S3491 Degree Project in Ind. Business Adm. and Manufacturing	10	C	-	-	-	-					
6S3492 Degree Project in Mechanical Engineering	10	C	-	-	-	-					
6S3493 Degree Project in Logistics, Business Administration and Manufacturing	10	C	-	-	-	-					

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Innovation and Industrial Design TIMAS1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2400 <u>Engineering Materials and Production, Project Course</u>	5	B	-	-	-	-		2			
6S2401 <u>Strength of Materials with Statics</u>	5	A	-	-	-	-			3		
6S2402 <u>Computerized Tools in Design Process</u>	5	B	-	-	-	-			3		
6S2403 <u>Engineering Materials and Production</u>	5	A	-	-	-	-	1				
6S2409 <u>Computer Programming</u>	5	B	-	-	-	-				4	
6S2412 <u>Industrial Design with Colour and Craft</u>	5	A	-	-	-	-				4	
6S2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-	1				
6S2901 <u>Mathematics I</u>	5	A	-	-	-	-		2			
Elective Courses											
6E2300 <u>Introduction to Mathematics</u>	1	A	-	-	-	-					

Innovation and Industrial Design TIMAS2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2408 Electrical and Control Engineering	5	A	-	-	-	-			3		
6S2410 Applied Mathematics	5	B	-	-	-	-	1				
6S2411 Mechanics II	5	B	-	-	-	-	1				
6S2413 Functional Elements	5	B	-	-	-	-				4	
6S2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-		2			
6S2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6S2904 Engineering Practice and Development	5	A	-	-	-	-		2			
6S3403 Innovation and Design Process	5	C	-	-	-	-			3		

Innovation and Industrial Design TIMAS3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Conditionally Elective Courses											
6E3580 Degree Project in Mechanical Design	10	C	-	-	-	-					
6S2404 Solid Mechanics, Intermediate course	5	B	-	-	-	-	1				
6S2414 Ergonomics in Product Development	5	C	-	-	-	-	1				
6S2415 Industrial Design with Colour and Form, Intermediate Course	5	B	-	-	-	-		2			
6S3400 Integrated Product Development, Project Course <i>Under bearbetning</i>	10	C	-	-	-	-		2	3		
6S3402 Computerized Tools in Design Process, Intermediate Course <i>Under bearbetning</i>	5	C	-	-	-	-	1				
6S3404 Computerized Tools in Mechanical Design, Interm. Course <i>Under bearbetning</i>	5	C	-	-	-	-		2			
6S3490 Degree Project in Innovation and Design	10	C	-	-	-	-					
6S3492 Degree Project in Mechanical Engineering	10	C	-	-	-	-					
Elective Courses											
6H2906 Business Economics&Organizational Behaviour, Interm.Course <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	
6H3209 Lighting and Acoustics	5	A	-	-	-	-			3		
6S2419 Management	5	B	-	-	-	-		2			
6S2920 Account and Entrepreneurship <i>Under bearbetning</i>	5	B	-	-	-	-		2			
6S3401 Manufacturing Process, Intermediate Course	5	C	-	-	-	-			3		
6S3422 Applied Mechanics <i>Under bearbetning</i>	5	C	-	-	-	-			3		

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Media Technology

Media Technology TIMEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2010 Information Technology and Engineering Methodology	5	A	24	22	-	1	1				
2D2011 Introduction to Media Technology	5	A	24	8	-	16	1				
2D2012 Multimedia Production, Technical Project	5	A	20	9	-	18		2			
2D2013 Creation and Design for Bachelors, Undergraduate Course	5	B	20	2	-	-			3	4	
2D2050 Programming, Basic Course	5	A	-	-	-	-			3	4	
5B1127 Mathematics H1	5	A	-	-	50	-				4	
6H2902 Business Economics and Organizational Behaviour <i>Under bearbetning</i>	5	A	29	9	-	12		2			
Recommended Courses											
1B1991 Management of Development Cooperation Projects <i>Under bearbetning</i>	4	C	30	-	-	-			3	4	
1N1108 Computer- and Information Ethics	5	C	20	10	-	-			3		
1N1118 Gender, Philosophy and Technology	5	C	20	-	-	-			3		Seminars 10h
2I1188 Online Game, Gaming Communities and Advergimes	5	B	-	-	-	-			3		
2I1515 Introduction to Computer Security	5	B	22	-	-	15			3		
4D1096 Human Resource Management <i>Examiner: Matti Kaulio.</i>	4	B	28	12	-	-			3		
4D1208 History of Technology and Science	5	B	18	-	-	-			3		4h Seminars
4D1211 History of Industry	5	B	-	-	-	-			3	4	Lectures, Seminars, Laboratory-work, Excursion
6S3630 Network Security	5	C	-	-	-	-			3		
9E1361 Swedish Report Writing	4	B	-	-	42	-			3	4	
Elective Courses											
5B1126 Mathematics, Preparation Course	5	A	-	-	50	-	1	2			

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Media Technology

Media Technology TIMEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2020 Media Technology	5	B	22	8	-	16	1				
2D2021 Audio and Video Technology	5	B	26	8	-	20		2			
2D2022 Engineering Practice and Development in Media Technology	5	B	15	24	-	6		2			Assignments
2D2051 Database Technology and Data Communication	5	B	36	-	-	26				4	
4F2010 Electronics and digital technology <i>Under bearbetning</i>	5	B	14	21	-	13	1				
5B1104 Calculus I, part 1	5	A	50	25	-	-		2	3		
5B2501 Probability and Statistics	5	B	-	-	44	4				4	
6H2903 Environmental Science and Work Science	5	A	-	-	-	-			3		

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Media Technology

Media Technology TIMEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2000 Degree Project in Media Technology	10	C	-	-	-	-				4	
2D2030 Television Technology	5	C	33	18	-	-	1				
2D2031 Radio Technology	5	C	22	6	-	16	1				
Recommended Courses											
2D1590 Media Perception	4	C	28	-	-	15			3		
2D2032 Graphic Arts Technology	5	B	20	8	-	16			3		
2D2033 Interactive Media Technology	5	C	10	2	-	20		2			20 h Projektuppgift20 h Projektuppgift
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
4D1025 Economics and Law for Media <i>Examiner: Bengt Domeij.</i>	5	C	24	18	-	-		2			8 h Seminars8 h Seminars
5A1590 Technical Photography <i>Under bearbetning</i>	5	A	28	-	-	30			3	4	

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Mekatronik och industriell IT

Mekatronik och industriell IT TIMIB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2945 Computer Networks	5	B	28	10	-	16				4	

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Mekatronik och industriell IT

Mekatronik och industriell IT TIMIB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2253 <u>Applied Mathematics</u>	4	A	-	-	50	10		2			
6B2254 <u>Design and Technology</u> <i>Under bearbetning</i>	11	B	-	-	78	48		2	3	4	
6B2255 <u>Production Engineering</u> <i>Under bearbetning</i>	5	B	40	-	-	30	1			4	
6B2256 <u>Engineering Materials</u> <i>Under bearbetning</i>	4	B	-	-	-	-			3	4	
6B2257 <u>Electrical Principals</u> <i>Under bearbetning</i>	4	A	30	-	-	28	1				
6B2913 <u>Sustainable Technology</u>	4	A	6	12	-	4			3	4	
Elective Courses											
6B2922 <u>Computer Assisted Technical Information</u>	4	A	-	-	-	-			3		
6B2941 <u>Computer Networks, Intermediate Course</u>	5	C	-	-	-	-			3		
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	A	-	-	-	-			3		

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Industrial Economy TIMIB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2272 Industrial Economics, Advanced Course 2	5	C	12	46	-	12	1				
6B2273 Management <i>Under bearbetning</i>	5	C	48	-	-	-		2	3		
6B2274 Marketing and Supply <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B2292 Degree Project in Mechanical Engineering with Economy <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B2309 ERP Systems <i>Under bearbetning</i>	4	B	24	-	-	24			3		
6B2349 Logistics <i>Under bearbetning</i>	4	B	20	-	-	8		2			
6B3289 Databases <i>No resources for content/schema adaptation.</i> <i>Under bearbetning</i>	4	B	-	-	-	-		2			

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Industrial IT TIMIB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2261 Industrial IT, Intermediate Course	4	B	-	-	-	-	1				
6B2262 Industrial IT, Advanced Course	4	C	8	28	-	6	1	2			
6B2265 Project regarding Industrial IT <i>Under bearbetning</i>	6	C	-	-	-	-			3		
6B2267 Sensors and Actuators <i>Under bearbetning</i>	4	B	-	-	-	-		2			
6B2271 Industrial Economics, Advanced Course I	4	C	8	32	-	8	1				
6B2291 Degree Project in Industrial IT <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B2349 Logistics <i>Under bearbetning</i>	4	B	20	-	-	8		2			
6B3280 Computer Aided Design <i>Under bearbetning</i>	4	A	-	-	6	26			3		

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Mechatronics TIMIB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2260 Product Development <i>Under bearbetning</i>	4	B	12	48	44	-	1	2			
6B2264 IT Project regarding Mecatronics <i>Under bearbetning</i>	6	C	-	-	-	-			3		
6B2266 Programming of Embedded Systems <i>Under bearbetning</i>	4	C	-	-	-	-	1				
6B2267 Sensors and Actuators <i>Under bearbetning</i>	4	B	-	-	-	-		2			
6B2271 Industrial Economics, Advanced Course I	4	C	8	32	-	8	1				
6B2290 Degree Project in Mechatronics <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B3280 Computer Aided Design <i>Under bearbetning</i>	4	A	-	-	6	26			3		
6B3291 Applied Automation Control <i>Under bearbetning</i>	4	B	12	22	-	12		2			

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Engineering and Economics, Open Entrance

Engineering and Economics, Open Entrance TITEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2900 Engineering and Information Skills	5	A	-	-	-	-			3		
6H2952 Business Calculation and Entrepreneurship <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6H2955 Business Finance and Organizational Structures <i>This educational course is part of the combined educational programme Technology and Economics and is read during the second term.</i>	5	A	-	-	-	-	1				
6S2953 External Accounting <i>Under bearbetning</i>	5	A	-	-	-	-				4	
6S2954 Industrial Marketing	5	A	-	-	-	-				4	

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Engineering and Economics, Open Entrance

Engineering and Economics, Open Entrance TITEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6H2951 Industrial Business Economics <i>Under bearbetning</i>	5	AB	-	-	-	-						

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Degree Program in Technology and Health, Open Entrance

Degree Program in Technology and Health, Open Entrance TITHL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
1N1125 <u>Ethics and Technology in Institutional and non-Institutional Care</u>	4	A	32	-	-	-				4	12h Seminars, Essay writing	
6L2880 <u>Occupation and Health</u>	4	A	-	-	-	-			3			
6L2881 <u>Anatomy, Physiology and Pathology</u>	5	A	-	-	-	-				4		
6L2882 <u>Risk Analysis and Injury Prevention</u>	5	A	-	-	-	-	1					
6L2883 <u>Health and Lifestyle</u>	2	A	-	-	-	-			3			
6L2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-			3			

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