

Study Handbook

Syllabus

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TMS Courses

Abbreviations

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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	5	A	-	-	-	-			3		
6H2201 Building Physics	5	A	-	-	-	-	1				
6H2202 Structural Mechanics 1	5	A	-	-	-	-		2			
6H2203 Structural Mechanics 2	5	A	-	-	-	-			3		
6H2204 Surveying and Mathematical Statistics	5	A	-	-	-	-				4	
6H2208 Mathematics and Statistics	5	A	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-		2			
Elective Courses											
6A2300 Introduction to Mathematics <i>Under bearbetning</i>	1	A	-	-	-	-	1				
6A2301 Introduction to Computer Studies <i>Under bearbetning</i>	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 Project, Civil Engineering Management	5	A	-	-	-	-	1				
6H2206 Fluid Mechanics	5	A	-	-	-	-		2			
6H2207 Structural Design in Civil Engineering	5	C	-	-	-	-		2			
6H2209 Urban Planning	5	A	-	-	-	-			3		
6H2210 Structure and Design	5	A	-	-	-	-			3		
6H2211 Geology and Soil Mechanics	5	C	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-				4	
6H2903 Environmental Science and Work Science	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	5	C	-	-	-	-		2			
6H3200 Building Services and Energy	5	C	-	-	-	-	1				
6H3201 Concrete Structures for Bridgeconstructions	5	C	-	-	-	-		2			
6H3202 Tendering	5	C	-	-	-	-	1				
6H3203 Coordinated Computer Aided Design	5	C	-	-	-	-		2			
6H3204 Law and Quality Assurance for Building Construction	5	B	-	-	-	-		2			
6H3205 Water Resources Engineering with GIS	5	C	-	-	-	-	1				
6H3206 Planning, Design of a Construction Project	5	C	-	-	-	-			3		
6H3207 Moisture Related Damages	5	C	-	-	-	-		2			
6H3208 Steel- and Timber Structures	5	C	-	-	-	-	1				
6H3209 Lighting and Acoustics	5	A	-	-	-	-			3		
6H3290 Degree Project in Construction Management	10	C	-	-	-	-					
6H3291 Degree Project in Building Design	10	C	-	-	-	-					
Elective Courses											
6S2419 Management	5	B	-	-	-	-		2			
6S2921 Civil and Commercial Law for Engineers	5	B	-	-	-	-			3		

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Computer Engineering

Computer Engineering TIDAB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2904 Engineering Skills	5	A	18	4	9	18	1				
6B2906 Mathematics, Linear Algebra <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6B2908 Computer Network Project	5	A	14	-	48	28				4	
6B2910 Computer Technology	6	B	30	8	-	24				4	
6B2911 Digital Design	5	A	24	22	-	20		2			
6B2940 Computer Networks	5	B	18	16	-	20		2			
Conditionally Elective Courses											
6B2907 Object Oriented Programming, General Course	5	A	38	-	-	32	1				
6B2914 Object Oriented Programming, General Course, C# <i>Under bearbetning</i>	5	B	34	12	-	24	1				
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming <i>Under bearbetning</i>	4	B	14	12	-	10			3		
6B2913 Sustainable Technology	4	A	-	-	-	-			3		
6B2922 Computer Assisted Technical Information	4	A	-	16	-	-			3		
6B2934 Unix Basics <i>Under bearbetning</i>	5	A	6	28	-	36			3		
6B2941 Computer Networks, Intermediate Course	5	C	10	10	-	20			3		
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46			3		

*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	B	24	-	-	46		2			
6B2016 Discreet Mathematics <i>Under bearbetning</i>	5	B	20	20	-	20	1				
Conditionally Elective Courses											
6B2017 Object Oriented Programming, Intermediate Course, JAVA	5	C	38	-	-	40	1				
6B2018 Object Oriented Programming, Intermediate Course, C#	5	C	30	-	-	40	1				

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Computer Networks TIDAB2

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

Computer Networks TIDAB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2050 Data Storage Paradigms <i>No resources for content/schema adaptation.</i>	5	C	-	-	-	-	1				
6B2051 Global Networks <i>Under bearbetning</i>	5	C	-	-	-	-	1				
6B2052 Wireless Systems	4	C	-	-	-	-		2			
6B2053 ICT Project <i>Under bearbetning</i>	8	C	-	-	-	-		2	3		Project work 280 h
6B2090 Degree Project in Computer Networks <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B3008 Secure Network <i>Under bearbetning</i>	4	B	24	-	-	22			3		
Elective Courses											
6B2964 Advanced Routing	5	C	-	-	-	-		2			
6B3015 Selectable Specialisation <i>Under bearbetning</i>	4	C	-	-	-	-		2			
6B3042 System Performance and Simulation <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 Industriel Economy, advance course 2	5	C	12	46	-	12	1				
6B2273 Management	5	C	48	-	-	-		2	3		
6B2274 Marketing and Supply <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B2309 ERP Systems	4	B	24	-	-	24			3		
6B2349 Logistics	4	B	20	-	-	8		2			
6B3289 Databases <i>No resources for content/schema adaptation.</i>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B3286 Entrepreneurship <i>Under bearbetning</i>	4	A	-	-	40	-			3		

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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	B	30	-	-	40		2			
6B2026 Object Oriented Design and UML	5	B	30	-	-	40			3		
6B2027 Project on Object Oriented Software Development	6	B	4	4	-	-			3	4	Project 100 h
6B2912 Industrial Economics <i>Under bearbetning</i>	4	A	16	16	-	8			3		
Conditionally Elective Courses											
6B2028 Internet Applications, Intermediate Course, Java	5	C	30	-	-	40				4	
6B2029 Internet Applications, Intermediate Course, .NET with C#	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 <i>No resources for content/schema adaptation.</i>	5	C	-	-	-	-	1				
6B2053 ICT Project <i>Under bearbetning</i>	8	C	-	-	-	-		2	3		Project work 280 h
6B2060 Mathematics for Programmers	5	C	-	-	-	-	1				
6B2061 Design of Global Applications	4	C	-	-	-	-		2			
6B2065 Advanced Information Handling with XML <i>Strictly a Swedish spoken course</i>	4	C	-	-	-	-			3		
6B2091 Degree Project in Software Engineering	10	C	-	-	-	-				4	
Elective Courses											
6B3004 Functional and Logical Programming <i>Under bearbetning</i>	4	C	-	-	-	-		2			
6B3015 Selectable Specialisation <i>Under bearbetning</i>	4	C	-	-	-	-		2			
6B3020 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 <i>Under bearbetning</i>	1	A	-	-	14	-	1				
6A2301 Introduction to Computer Studies <i>Under bearbetning</i>	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	5	B	-	-	-	-			3		
6S2921 Civil and Commercial Law for Engineers	5	B	-	-	-	-			3		

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TIDEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H3093 Degree Project in Computer Technology and Software Engin.	10	C	-	-	-	-					
6H3109 Database techniques	5	B	-	-	-	-	1				
Conditionally Elective Courses											
6H3500 Software Engineering	5	C	-	-	-	-		2			
6H3501 Distributed Systems I	5	C	-	-	-	-	1				
6H3502 Distributed Systems II	5	C	-	-	-	-		2			
6H3503 Software Development, project	10	C	-	-	-	-			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	B	-	-	-	-		2			
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	A	-	-	-	-	1				
6H3009 Digital and Micro Computer Technology	5	B	-	-	-	-		2			
6H3115 Computer Engineering Project	5	B	-	-	-	-				4	
6H3117 Discrete Mathematics	5	B	-	-	-	-			3		

Computer Technology, Software and System Development TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-			3		
6H2903 Environmental Science and Work Science	5	A	-	-	-	-		2			
6H2904 Engineering Practice and Development	5	A	-	-	-	-				4	
6H3000 Mathematics and Statistics	5	B	-	-	-	-		2			
6H3100 Discrete Mathematics and Algorithms	5	B	-	-	-	-	1				
6H3102 Operating Systems	5	B	-	-	-	-	1				
6H3104 Graphical Interfaces	5	B	-	-	-	-			3		
6H3105 Software Project	5	C	-	-	-	-				4	

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TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-	1				
6H2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6H3001 Object Oriented Programming	5	B	-	-	-	-	1				
6H3002 Electronics I	5	B	-	-	-	-		2			
6H3004 Telecommunication	5	B	-	-	-	-		2			
6H3005 Signals and Systems	5	B	-	-	-	-			3		
6H3006 Electronic Design, Project Course	5	C	-	-	-	-				4	
6H3007 Data Communications and Networks, Continued Course	5	C	-	-	-	-			3		

TIDEH3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2904 <u>Engineering Practice and Development</u>	5	A	-	-	-	-			3		
6H3096 <u>Degree Project in Computer Networks and Communication</u>	10	C	-	-	-	-					
Conditionally Elective Courses											
6H3530 <u>Communication Networks</u>	5	C	-	-	-	-	1				
6H3531 <u>The Internet Protocols</u>	5	C	-	-	-	-		2			
6H3532 <u>Mobile Communications</u>	5	C	-	-	-	-			3		
6H3533 <u>Telecommunication Switching</u>	5	C	-	-	-	-	1				
6H3534 <u>Network Security</u>	5	C	-	-	-	-		2			

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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	B	-	-	-	-		2			
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	A	-	-	-	-	1				
6H3008 Computer Networks, Project	5	B	-	-	-	-				4	
6H3009 Digital and Micro Computer Technology	5	B	-	-	-	-		2			
6H3010 Operating Systems and System Administration	5	B	-	-	-	-			3		

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Electronics and Computer Systems TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-	1				
6H2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6H3001 Object Oriented Programming	5	B	-	-	-	-	1				
6H3002 Electronics I	5	B	-	-	-	-		2			
6H3003 Electronics II	5	B	-	-	-	-			3		
6H3004 Telecommunication	5	B	-	-	-	-		2			
6H3005 Signals and Systems	5	B	-	-	-	-			3		
6H3006 Electronic Design, Project Course	5	C	-	-	-	-				4	

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	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				

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Medical Technology TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2001 <u>Digital Electronics</u>	5	A	-	-	-	-	1				
6L2861 <u>Biological Chemistry</u>	5	B	-	-	-	-			3		
6L2870 <u>Anatomy, Physiology and Pathology</u>	10	A	-	-	-	-			3	4	
6L2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-				4	
6L2901 <u>Mathematics I</u>	5	A	-	-	-	-	1				
6L3000 <u>Mathematics and Statistics</u>	5	B	-	-	-	-		2			
6L3002 <u>Electronics I</u>	5	B	-	-	-	-		2			
Elective Courses											
6L2860 <u>Introduction to Chemistry</u>	1	A	-	-	-	-			3		

Medical Technology TIDEL2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2003 Data Communications and Networks	5	B	-	-	-	-		2			
6L2003 Data Communications and Networks	5	B	-	-	-	-			3		
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			
6L2950 Computer Programming, Basic Course	5	A	-	-	-	-				4	
6L3003 Electronics II	5	B	-	-	-	-			3		
6L3004 Telecommunication	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	5	A	-	-	-	-			3		
6L2904 Engineering Practice and Development	5	A	-	-	-	-	1				
6L3005 Signals and Systems	5	B	-	-	-	-	1				
6L3006 Electronic Design, Project Course	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											
6E2300 Introduction to Mathematics	1	A	-	-	-	-					
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	5	B	-	-	-	-			3			
6S2921 Civil and Commercial Law for Engineers	5	B	-	-	-	-			3			

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Computer and Electrical Engineering

Computer Technology and Software Engineering 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 Progr.	10	C	-	-	-	-					
6S3092 Degree Project in Computer Technology&Software Development	10	C	-	-	-	-					
6S3093 Degree Project in Computer Technology&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		

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Computer and Electrical Engineering

Computer Technology, Graphics and Realtime Programming 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		
6S2903 Environmental Science and Work Science	5	A	-	-	-	-		2			
6S3000 Mathematics and Statistics	5	B	-	-	-	-				4	
6S3101 Objectoriented programming using Java	5	B	-	-	-	-	1				
6S3103 Database Systems	5	B	-	-	-	-			3		
6S3105 Software Project	5	C	8	-	-	-				4	
6S3107 Discrete Mathematics	5	B	28	18	-	14	1				
6S3108 Network programming and TCP/IP	5	B	28	-	-	28		2			

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Computer and Electrical Engineering

Computer Technology, Networks and Security 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		
6S3000 Mathematics and Statistics	5	B	-	-	-	-				4	
6S3103 Database Systems	5	B	-	-	-	-			3		
6S3110 Discrete Mathematics and Encryption	5	B	-	-	-	-	1				
6S3111 Operating Systems and System Administration	5	B	24	-	-	24		2			
6S3112 Networking with TCP/IP	5	B	-	-	-	-		2			
6S3113 Advanced Script Programming	5	B	28	12	-	16	1				
6S3114 Internet/Intranet, Project Course	5	C	-	-	-	-				4	

Computer Technology, Networks and Security 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		
6S3090 Degree Project in Computer Technology, Networks & Security	10	C	-	-	-	-					
Conditionally Elective Courses											
6S3630 Network Security	5	C	-	-	-	-			3		
6S3631 Wireless Communications	5	C	-	-	-	-	1				
6S3632 Networks, Advanced Course	5	C	-	-	-	-		2			
6S3633 Transaction Security with Cryptography	5	C	-	-	-	-		2			
6S3634 Advanced Internet Technology	5	C	-	-	-	-	1				

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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	-	-	-	-			3		
6S2903 Environmental Science and Work Science	5	A	-	-	-	-		2			
6S2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			
6S3050 Design Methods	5	A	-	-	-	-				4	
6S3051 Mechatronics I, Project	5	B	-	-	-	-				4	

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	

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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											
6B2121 <u>Electrical Principals</u>	5	A	22	20	-	16				4	
6B2904 <u>Engineering Skills</u>	5	A	18	4	9	18	1				
6B2906 <u>Mathematics, Linear Algebra</u> <i>Under bearbetning</i>	5	A	24	20	4	16	1				
6B2907 <u>Object Oriented Programming, General Course</u>	5	A	38	-	-	32		2			
6B2910 <u>Computer Technology</u>	6	B	30	8	-	24				4	
6B2911 <u>Digital Design</u>	5	A	24	22	-	20			3		
6B2940 <u>Computer Networks</u>	5	B	18	16	-	20		2			
Recommended Courses											
9E1362 <u>Spoken and Written Swedish*</u>	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 <u>Multimedia Programming</u> <i>Under bearbetning</i>	4	B	14	12	-	10			3		
6B2922 <u>Computer Assisted Technical Information</u>	4	A	-	16	-	-			3		
6B2934 <u>Unix Basics</u> <i>Under bearbetning</i>	5	A	6	28	-	36			3		
6B2941 <u>Computer Networks, Intermediate Course</u>	5	C	10	10	-	20			3		
6B2998 <u>Introduction to Mathematics</u>	1	A	-	12	-	-	1				
6B2999 <u>Introduction to Computer Studies</u>	1	A	-	12	-	-	1				
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	B	16	8	-	46			3		

*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>	5	A	30	28	-	-	1				
6B2122 <u>Analog Electronics</u>	5	B	14	20	-	12	1				
6B2123 <u>Electronic Systems Project</u>	4	C	-	-	-	-				4	
6B2125 <u>Telecommunication</u> <i>Under bearbetning</i>	6	B	-	-	-	-				4	
6B2912 <u>Industrial Economics</u> <i>Under bearbetning</i>	4	A	16	16	-	8		2			
6B2913 <u>Sustainable Technology</u>	4	A	6	12	-	4			3	4	
6B3130 <u>Embedded Systems</u>	4	B	12	14	-	16			3		
6B3291 <u>Applied Automation Control</u>	4	B	12	22	-	12		2			
Elective Courses											
6B2118 <u>Medical Electronic Design</u> <i>Under bearbetning</i>	5	B	24	12	-	24			3		
6B2408 <u>Multimedia Programming</u> <i>Under bearbetning</i>	4	B	-	-	-	-			3		
6B2922 <u>Computer Assisted Technical Information</u>	4	A	-	-	-	-			3		
6B2934 <u>Unix Basics</u> <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6B2941 <u>Computer Networks, Intermediate Course</u>	5	C	-	-	-	-			3		
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	B	-	-	-	-			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											
6B2191 Degree Project in Electronics and Communications	10	C	-	-	-	-				4	
6B3113 Object-oriented Programming Advanced Course, C++	5	C	26	14	-	16	1				
6B3114 VHDL Design	5	C	16	14	-	24		2			
6B3115 High Frequency Electronics	5	C	12	20	-	16	1				
6B3116 Real Time Systems	4	C	30	-	-	20			3		
6B3117 Wireless Systems	5	C	22	22	-	20		2			
6B3119 IT Project Regarding Electronics and Communications	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 Industriel Economy, advance course 2	5	C	12	46	-	12	1				
6B2273 Management	5	C	48	-	-	-		2	3		
6B2274 Marketing and Supply <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B2309 ERP Systems	4	B	24	-	-	24			3		
6B2349 Logistics	4	B	20	-	-	8		2			
6B3289 Databases <i>No resources for content/schema adaptation.</i>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B3286 Entrepreneurship <i>Under bearbetning</i>	4	A	-	-	40	-			3		

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Wireless Communication TIEMB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2191 Degree Project in Electronics and Communications	10	C	-	-	-	-				4	
6B3113 Object-oriented Programming Advanced Course, C++	5	C	26	14	-	16	1				
6B3114 VHDL Design	5	C	16	14	-	24		2			
6B3116 Real Time Systems	4	C	30	-	-	20			3		
6B3117 Wireless Systems	5	C	22	22	-	20		2			
6B3118 Systems and Networks	5	C	28	20	-	12	1				
6B3119 IT Project Regarding Electronics and Communications	6	C	4	-	-	-			3		

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Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2352 Enterprise Systems, Selection and Usage	5	B	-	-	-	-				4	
6B2359 Industrial Economics, Basic Course	5	A	-	-	-	-				4	
6B2904 Engineering Skills	5	A	18	4	9	18	1				
6B2906 Mathematics, Linear Algebra <i>Under bearbetning</i>	5	A	24	20	4	16	1				
6B2907 Object Oriented Programming, General Course	5	A	38	-	-	32		2			
6B2911 Digital Design	5	A	24	22	-	20			3		
6B2940 Computer Networks	5	B	18	16	-	20		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*_	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming <i>Under bearbetning</i>	4	B	14	12	-	10			3		
6B2913 Sustainable Technology	4	A	-	-	-	-			3		
6B2922 Computer Assisted Technical Information	4	A	-	16	-	-			3		
6B2934 Unix Basics <i>Under bearbetning</i>	5	A	6	28	-	36			3		
6B2941 Computer Networks, Intermediate Course	5	C	10	10	-	20			3		
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46			3		

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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 <u>Object Oriented Programming, Intermediate Course, JAVA</u>	5	C	38	-	-	40				4	
6B2050 <u>Data Storage Paradigms</u> <i>No resources for content/schema adaptation.</i>	5	C	-	-	-	-	1				
6B2315 <u>Systems Planning and Security</u>	4	B	24	8	-	-			3		
6B2353 <u>Enterprise Systems, Configuration and Modification</u>	5	C	12	48	-	-				4	
6B2356 <u>Logistics, Fundamentals</u>	5	B	20	-	-	8		2			
6B2360 <u>No translation</u> <i>Under bearbetning</i>	5	B	-	-	-	-		2			
6B2361 <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6B2362 <u>No translation</u> <i>Under bearbetning</i>	5	B	24	-	-	20	1				
6B2364 <u>No translation</u> <i>Under bearbetning</i>	1	A	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 <u>IT-Business Systems, Project</u>	6	C	22	-	-	-	1		3		
6B2319 <u>Commercial Law with Environmental and Work Law</u>	5	A	22	12	-	-		2			
6B2354 <u>Enterprise Application Integration with ERP Systems</u>	5	C	-	-	-	-	1				
6B2355 <u>Financial Control and Reporting</u>	5	C	24	20	-	8		2			
6B2357 <u>Logistics, Advanced Course</u>	5	C	20	-	-	-	1				
6B2399 <u>Degree Project</u>	10	C	-	-	-	-				4	
Elective Courses											
6B2408 <u>Multimedia Programming</u> <i>Under bearbetning</i>	4	B	-	-	-	-			3		
6B2913 <u>Sustainable Technology</u>	4	A	-	-	-	-			3		
6B2922 <u>Computer Assisted Technical Information</u>	4	A	-	-	-	-			3		
6B2934 <u>Unix Basics</u> <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6B2941 <u>Computer Networks, Intermediate Course</u>	5	C	-	-	-	-			3		
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	B	-	-	-	-			3		

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IT-ingenjör, öppen ingång, 120p

IT-ingenjör, öppen ingång, 120p TIGIB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2904 Engineering Skills	5	A	18	4	9	18	1				
6B2906 Mathematics, Linear Algebra <i>Under bearbetning</i>	5	A	24	20	4	16	1				
6B2907 Object Oriented Programming, General Course	5	A	38	-	-	32		2			
6B2911 Digital Design	5	A	24	22	-	20			3		
6B2940 Computer Networks	5	B	18	16	-	20		2			
Conditionally Elective Courses											
6B2121 Electrical Principals	5	A	22	20	-	16				4	
6B2261 Industrial IT, Intermediate Course	4	B	20	13	-	20				4	
6B2352 Enterprise Systems, Selection and Usage	5	B	-	-	-	-				4	
6B2359 Industrial Economics, Basic Course	5	A	-	-	-	-				4	
6B2908 Computer Network Project	5	A	14	-	48	28				4	
6B2910 Computer Technology	6	B	30	8	-	24				4	
Recommended Courses											
9E1362 Spoken and Written Swedish*_	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming <i>Under bearbetning</i>	4	B	14	12	-	10			3		
6B2913 Sustainable Technology	4	A	-	-	-	-			3		
6B2922 Computer Assisted Technical Information	4	A	-	16	-	-			3		
6B2934 Unix Basics <i>Under bearbetning</i>	5	A	6	28	-	36			3		
6B2941 Computer Networks, Intermediate Course	5	C	10	10	-	20			3		
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46			3		

*The course has limited participation

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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		3 h Computer3 h Computer
6D2311 Mathematical Statistics	3	A	45	-	-	8				4	
6D2320 General and Physical Chemistry	9	A	36	16	-	40	1	2			3 h Computer3 h Computer
6D2322 Analytical Chemistry	5	A	32	-	-	24			3	4	2 h Computer2 h Computer
6D2334 Industrial Ecology and Chemical Hazards	4	A	24	6	-	-			3		
6D2901 Engineering Skills	6	A	32	-	-	-	1	2			18 h Seminars, 19 h Computer18 h Seminars, 19 h Computer
Elective Courses											
6D2300 Introduction to Mathematics	1	A	-	-	-	-	1				
6D2302 Introduction to Chemistry	1	A	-	-	-	-	1				
6D2940 Water Chemistry*_	5	A	12	22	-	16				4	
6D2946 The Fuel Cell*_	4	C	18	6	-	-				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											
6D2330 Chemical Engineering and Technology 1	16	C	158	3	-	72	1	2	3	4	
6D2332 Electrical Measurements, Control Theory and Practice	4	A	39	-	-	12	1				3 h Computer3 h Computer
6D2334 Industrial Ecology and Chemical Hazards	4	A	24	6	-	-			3		
6D2335 Biotechnology	5	C	34	-	-	24				4	
6D2902 Business Administration	3	A	24	12	-	4		2			
Elective Courses											
6D2940 Water Chemistry*_	5	A	12	22	-	16				4	
6D2941 Organic Chemistry, Advanced Course 1*_	4	C	20	-	-	-			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	6	-	-				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	33	6	-	-	1	2	3		
6D3707 Risk Management	4	C	14	-	-	-	1				4 h Seminars 4 h Seminars
6D3708 Environmental Technology	5	C	34	-	-	-	1	2			9 h Seminars 9 h Seminars
6D3709 Environmental Legislation and Environmental Management	4	C	20	-	-	-	1	2			6 h Seminars 6 h Seminars
6D3790 Degree Project	10	D	-	-	-	-				4	
Elective Courses											
2D2052 Basic Internet Programming <i>Under bearbetning</i>	5	B	22	-	-	24			3		
2D2096 Digital Video Production*	5	B	22	6	-	24			3		
6D2940 Water Chemistry*	5	A	12	22	-	16				4	
6D2941 Organic Chemistry, Advanced Course 1*	4	C	20	-	-	-			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	6	-	-				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											
6E2300 Introduction to Mathematics	1	A	-	-	-	-					
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												
6S2920 Account and Entrepreneurship	5	B	-	-	-	-			3			
6S2921 Civil and Commercial Law for Engineers	5	B	-	-	-	-			3			
6S3423 Advanced Project	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 <u>Engineering Materials and Production, Project Course</u>	5	B	-	-	-	-				4	
6S2401 <u>Strength of Materials with Statics</u>	5	B	-	-	-	-			3		
6S2402 <u>Computerized Tools in Design Process</u>	5	B	-	-	-	-		2			
6S2403 <u>Engineering Materials and Production</u>	5	A	-	-	-	-	1				
6S2407 <u>Quality Assurance</u>	5	B	-	-	-	-				4	
6S2409 <u>Computer Programming</u>	5	B	-	-	-	-			3		
6S2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-	1				
6S2901 <u>Mathematics I</u>	5	A	-	-	-	-		2			

Industrial Business Administration and Manufacturing TIMAS2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6S2405 Basic Logistics	5	A	-	-	-	-		2				
6S2406 Industrial Marketing	5	B	-	-	-	-		2				
6S2407 Quality Assurance	5	B	-	-	-	-	1					
6S2408 Electrical and Control Engineering	5	B	-	-	-	-				4		
6S2410 Applied Mathematics	5	B	-	-	-	-	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	B	-	-	-	-	1					
Conditionally Elective Courses												
6S2417 Logistics System	5	B	-	-	-	-	2					
6S2419 Management	5	B	-	-	-	-	2					
6S3407 Manufacturing Process, Intermediate Course II	5	C	-	-	-	-	2					
6S3408 Quality Tools for Continual Improvement	5	C	-	-	-	-	1					
6S3409 Industrial Business Administration and Manufacturing, project course	5	C	-	-	-	-		3				
6S3491 Degree Project in Ind. Business Adm. and Manufacturing	10	C	-	-	-	-						
6S3492 Degree Project in Mechanical Engineering	10	C	-	-	-	-						
6S3493 Degree Proj. in Logistics, Business Adm. & 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 Engineering Materials and Production, Project Course	5	B	-	-	-	-		2			
6S2401 Strength of Materials with Statics	5	B	-	-	-	-			3		
6S2402 Computerized Tools in Design Process	5	B	-	-	-	-			3		
6S2403 Engineering Materials and Production	5	A	-	-	-	-	1				
6S2409 Computer Programming	5	B	-	-	-	-				4	
6S2412 Industrial Design with Colour and Craft	5	A	-	-	-	-				4	
6S2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6S2901 Mathematics I	5	A	-	-	-	-		2			

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	B	-	-	-	-			3		
6S2410 Applied Mathematics	5	B	-	-	-	-	1				
6S2411 Mechanics II	5	B	-	-	-	-		2			
6S2413 Functional Elements	5	B	-	-	-	-				4	
6S2902 Business Economics and Organizational Behaviour	5	A	-	-	-	-	1				
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	B	-	-	-	-	1			
6S2415 Industrial Design with Colour and Form, Intermediate Course	5	B	-	-	-	-		2		
6S3400 Integrated Product Development, Project Course	10	C	-	-	-	-		2	3	
6S3402 Computerized Tools in Design Process, Intermediate Course	5	C	-	-	-	-	1			
6S3404 Computerized Tools in Mechanical Design, Interm. Course	5	C	-	-	-	-		2		
6S3490 Degree Project in Innovation and Design	10	C	-	-	-	-				
6S3492 Degree Project in Mechanical Engineering	10	C	-	-	-	-				
Elective Courses										
6S2418 Light, Noise and Vibration	5	C	-	-	-	-			3	
6S2419 Management	5	B	-	-	-	-		2		
6S3401 Manufacturing Process, Intermediate Course	5	C	-	-	-	-			3	
6S3422 Applied Mechanics <i>Under bearbetning</i>	5	C	-	-	-	-				

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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 <i>Under bearbetning</i>	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 <i>Under bearbetning</i>	5	A	-	-	-	-			3	4	
5B1127 Mathematics H1	5	A	-	-	50	-				4	
6H2902 Business Economics and Organizational Behaviour	5	A	29	9	-	12		2			
Elective Courses											
5B1126 Mathematics, Preparation Course	5	A	-	25	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 <i>Under bearbetning</i>	5	B	18	2	-	5	1				
2D2021 Audio and Video Technology*	5	B	26	8	-	20		2			
2D2022 Engineering Practice and Development in Media Technology <i>Under bearbetning</i>	5	B	18	20	-	-		2			Assignments
2D2051 Database Technology and Data Communication <i>Under bearbetning</i>	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		

*The course has limited participation

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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 <i>Under bearbetning</i>	10	C	-	-	-	-				4		
2D2030 Television Technology*_ <i>Under bearbetning</i>	5	C	34	20	-	-	1					
2D2031 Radio Technology*_ <i>Under bearbetning</i>	5	C	22	6	-	16	1					
Elective Courses												
2D2032 Graphic Arts Technology <i>Under bearbetning</i>	5	B	20	8	-	16			3			
2D2033 Interactive Media Technology*_ <i>Under bearbetning</i>	5	C	12	-	-	40		2				
2D2052 Basic Internet Programming <i>Under bearbetning</i>	5	B	22	-	-	24			3			
4D1025 Economics and Law for Media	5	C	24	18	-	-		2			8 h Seminars8 h Seminars	
5A1590 Technical Photography	5	D	20	-	-	36			3	4		

*The course has limited participation

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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											
6B2249 Industrial IT, basic course	5	A	20	13	-	20				4	
6B2904 Engineering Skills	5	A	18	4	9	18	1				
6B2906 Mathematics, Linear Algebra <i>Under bearbetning</i>	5	A	24	20	4	16	1				
6B2907 Object Oriented Programming, General Course	5	A	38	-	-	32		2			
6B2910 Computer Technology	6	B	30	8	-	24				4	
6B2911 Digital Design	5	A	24	22	-	20			3		
6B2940 Computer Networks	5	B	18	16	-	20		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming <i>Under bearbetning</i>	4	B	14	12	-	10			3		
6B2913 Sustainable Technology	4	A	-	-	-	-			3		
6B2922 Computer Assisted Technical Information	4	A	-	16	-	-			3		
6B2934 Unix Basics <i>Under bearbetning</i>	5	A	6	28	-	36			3		
6B2941 Computer Networks, Intermediate Course	5	C	10	10	-	20			3		
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46			3		

*The course has limited participation

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Mekatronik och industriell IT TIMIB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2253 Applied Mathematics	4	A	-	-	50	10		2			
6B2254 Design and Technology	11	B	-	-	78	48		2	3	4	
6B2255 Production Engineering	5	B	40	-	-	30	1			4	
6B2256 Engineering Materials	4	B	-	-	-	-			3	4	
6B2257 Electrical Principals	4	A	30	-	-	28	1				
6B2912 Industrial Economics <i>Under bearbetning</i>	4	A	16	16	-	8		2			
6B2913 Sustainable Technology	4	A	6	12	-	4			3	4	
Elective Courses											
6B2408 Multimedia Programming <i>Under bearbetning</i>	4	B	-	-	-	-			3		
6B2913 Sustainable Technology	4	A	-	-	-	-			3		
6B2922 Computer Assisted Technical Information	4	A	-	-	-	-			3		
6B2934 Unix Basics <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6B2941 Computer Networks, Intermediate Course	5	C	-	-	-	-			3		
6B3035 Object Oriented Programming using C# and .NET	5	B	-	-	-	-			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 <u>Industrial Economy, advance course 2</u>	5	C	12	46	-	12	1				
6B2273 <u>Management</u>	5	C	48	-	-	-		2	3		
6B2274 <u>Marketing and Supply</u> <i>Under bearbetning</i>	4	B	-	-	40	-			3		
6B2292 <u>Degree Project in Mechanical Engineering with Economy</u> <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6B2309 <u>ERP Systems</u>	4	B	24	-	-	24			3		
6B2349 <u>Logistics</u>	4	B	20	-	-	8		2			
6B3289 <u>Databases</u> <i>No resources for content/schema adaptation.</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, Adanced 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	4	B	20	-	-	8		2			
6B3280 Computer Aided Design	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	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	4	A	-	-	6	26			3		
6B3291 Applied Automation Control	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	5	A	-	-	-	-			3		
6H2955 Business Finance and Organizational Structures <i>This course is part of the combined educational programme Technology and Economics and is studied during the second term</i>	5	A	-	-	-	-	1				
6S2953 **Translation not found** <i>Under bearbetning</i>	5	A	-	-	-	-				4	
6S2954 Industrial Marketing <i>Under bearbetning</i>	5	A	-	-	-	-				4	

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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 Ethics and Technology in Institutional and non-Institutional Care	4	A	32	-	-	-				4	12h Seminars, Essay writing
6L2880 Activity and Health	4	A	-	-	-	-			3		
6L2881 Anatomy, Physiology and Pathology	5	A	-	-	-	-			3	4	
6L2883 Health and Lifestyle	2	A	-	-	-	-			3		
6L2900 Engineering and Information Skills	5	A	-	-	-	-			3		

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