

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	-	-	-	-			3		
6H2201 Building Physics	5	B	-	-	-	-	1				
6H2202 Structural Mechanics 1	5	B	-	-	-	-		2			
6H2203 Structural Mechanics 2	5	B	-	-	-	-			3		
6H2204 Surveying and Mathematical Statistics	5	B	-	-	-	-				4	
6H2208 Mathematics and Statistics	5	B	-	-	-	-				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	-	-	14	-	1				
6A2301 Introduction to Computer Studies <i>Under bearbetning</i>	1	A	-	-	14	-	1				

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	-	-	-	-	1				
6H2206 Fluid Mechanics	5	B	-	-	-	-		2			
6H2207 Structural Design in Civil Engineering	5	B	-	-	-	-				4	
6H2208 Mathematics and Statistics	5	B	-	-	-	-			3		
6H2209 Urban Planning	5	B	-	-	-	-			3		
6H2210 Structure and Design	5	B	-	-	-	-		2			
6H2211 Geology and Soil Mechanics	5	B	-	-	-	-				4	
6H2903 Environmental Science and Work Science	5	A	-	-	-	-	1				

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	-	-	-	-			3		
Conditionally Elective Courses											
6H3200 Building Services and Energy	5	C	-	-	-	-	1				
6H3201 Concrete Structures for Bridge Constructions	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	C	-	-	-	-		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	AB	-	-	-	-			3		
6H3290 Degree Project in Construction Management	10	C	-	-	-	-					
6H3291 Degree Project in Building Design	10	C	-	-	-	-					
Elective Courses											
6S2419 Management	5	AB	-	-	-	-		2			
6S2921 Civil and Commercial Law for Engineers	5	AB	-	-	-	-			3		

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	14	2	-	12	1				
6B2906 Mathematics, Linear Algebra	5	B	28	24	-	12				4	
6B2908 Computer Network Project	5	B	14	-	48	28				4	
6B2910 Computer Technology	6	B	28	12	16	32			3		
6B2911 Digital Design	5	B	24	22	-	20		2			
6B2940 Computer Networks	5	AB	18	6	-	20		2			
Conditionally Elective Courses											
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24	1				
6B2914 Object Oriented Programming, General Course, C#	5	B	34	12	-	24	1				
Recommended Courses											
9E1362 Spoken and Written Swedish*_	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming	4	B	14	12	-	10			3		
6B2913 Sustainable Technology	4	B	6	12	-	-			3		
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-			3		
6B2934 Unix Basics	5	B	6	28	-	36			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			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

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer Engineering

Computer Engineering TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2015 <u>Internet Applications</u>	5	B	24	-	-	46		2			
6B2016 <u>Discreet Mathematics</u>	5	AB	20	20	-	20	1				
Conditionally Elective Courses											
6B2017 <u>Object Oriented Programming, Intermediate Course, JAVA</u>	5	B	40	-	-	40	1				
6B2018 <u>Object Oriented Programming, Intermediate Course, C#</u>	5	B	30	-	-	40	1				

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer Engineering

Computer Networks TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2019 Operating Systems	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	6	B	20	-	-	-			3	4	
6B2022 Network Protocol	4	B	10	10	-	20			3		
6B2912 Industrial Economics	4	B	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	5	C	-	-	-	-	1				
6B2051 Global Networks	5	C	27	-	-	-	1				
6B2052 Wireless Systems	4	C	-	-	-	-		2			
6B2053 ICT Project <i>Under bearbetning</i>	8	C	10	2	-	-		2	3		Project work 280 h
6B2090 Degree Project in Computer Networks	10	C	-	-	-	-				4	
6B3008 Secure Network	4	C	16	-	-	12			3		
Elective Courses											
6B2065 Advanced Information Handling with XML <i>Strictly a Swedish spoken course</i>	4	C	-	-	-	-			3		
6B2408 Multimedia Programming	4	B	14	12	-	10		2			
6B2913 Sustainable Technology	4	B	6	12	-	-		2			
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-		2			
6B2941 Computer Networks Intermediate Course	5	C	10	10	-	20		2			
6B2955 Mechanical Workshop	4	B	-	44	-	-		2			

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

Computer Engineering

Industrial Economy TIDAB3

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	6	48	-	-			3		
6B2292 <u>Degree Project in Industrial Economy</u>	10	C	-	-	-	-				4	
6B2309 <u>ERP Systems</u>	4	AB	20	8	-	20		2	3		
6B2349 <u>Logistics</u>	4	C	20	-	-	8		2			
6B3289 <u>Databases</u>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B2274 <u>Marketing and Supply</u>	4	B	-	-	40	-			3		
6B3286 <u>Entrepreneurship</u>	4	A	-	-	40	-			3		

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer Engineering

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	20	-	-	-			3	4	
6B2912 Industrial Economics	4	B	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 <u>Data Storage Paradigms</u>	5	C	-	-	-	-	1				
6B2053 <u>ICT Project</u> <i>Under bearbetning</i>	8	C	10	2	-	-		2	3		Project work 280 h
6B2060 <u>Mathematics for Programmers</u>	5	C	-	-	-	-	1				
6B2061 <u>Design of Global Applications</u>	4	C	-	-	-	-		2			
6B2065 <u>Advanced Information Handling with XML</u> <i>Strictly a Swedish spoken course</i>	4	C	-	-	-	-			3		
6B2091 <u>Degree Project in Software Engineering</u>	10	C	-	-	-	-				4	
Elective Courses											
6B2408 <u>Multimedia Programming</u>	4	B	14	12	-	10		2			
6B2913 <u>Sustainable Technology</u>	4	B	6	12	-	-		2			
6B2922 <u>Computer Assisted Technical Information</u>	4	B	-	16	-	-		2			
6B2941 <u>Computer Networks Intermediate Course</u>	5	C	10	10	-	20		2			
6B2955 <u>Mechanical Workshop</u>	4	B	-	44	-	-		2			

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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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Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	AB	-	-	-	-		2			
6S2920	5	AB	-	-	-	-			3		
6S2921 Civil and Commercial Law for Engineers	5	AB	-	-	-	-			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

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	B	-	-	-	-				4	
6H3000 Mathematics and Statistics	5	B	-	-	-	-	1				
6H3100 Discrete Mathematics and Algorithms	5	B	-	-	-	-		2			
6H3102 Operating Systems	5	B	-	-	-	-	1				
6H3104 Graphical Interfaces	5	B	-	-	-	-			3		
6H3105 Software Project	5	C	-	-	-	-				4	

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	AB	-	-	-	-	1				
Conditionally Elective Courses											
6H3500 Software Engineering	5	C	-	-	-	-		2			
6H3501 Distributed systems I	5	C	-	-	-	-	1				
6H3502 Distributed systems 2	5	C	-	-	-	-		2			
6H3503 Software Development Project	10	C	-	-	-	-			3		

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Computer Technology, Software and System Development TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-	1				
6H2002 Computer Engineering	5	B	-	-	-	-		2			
6H2003 Data Communications and Networks	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			
6H3101 Object Oriented Programming using Java	5	B	-	-	-	-				4	

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

Computer and Electrical Engineering

TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-	1				
6H2002 Computer Engineering	5	B	-	-	-	-		2			
6H2003 Data Communications and Networks	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			
6H3000 Mathematics and Statistics	5	B	-	-	-	-				4	

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	5	B	-	-	-	-	1				
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 Engineering Practice and Development	5	B	-	-	-	-			3		
6H3096 Degree Project in Computer Networks and Communication	10	C	-	-	-	-					
Conditionally Elective Courses											
6H3530 Communication Networks	5	C	-	-	-	-	1				
6H3531 The Internet Protocols	5	C	-	-	-	-		2			
6H3532 Mobil Communications	5	C	-	-	-	-			3		
6H3533 Telecommunication Switching	5	C	-	-	-	-		2			
6H3534 Network Security	5		-	-	-	-	1				

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Electronics and Computer Systems TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-	1				
6H2002 Computer Engineering	5	B	-	-	-	-		2			
6H2003 Data Communications and Networks	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6H2901 Mathematics I	5	A	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			
6H3000 Mathematics and Statistics	5	B	-	-	-	-				4	

Electronics and Computer Systems 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	5	B	-	-	-	-	1				
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	B	-	-	-	-			3		
6H3094 Degree Project in Electronics and Computer Systems	10	C	-	-	-	-					
Conditionally Elective Courses											
6H3560 Digital Construction with VHDL	5	C	-	-	-	-	1				
6H3561 Realtime Systems	5	C	-	-	-	-		2			
6H3562 Electronic Systems on Circuit Boards, project course	10	C	-	-	-	-		2	3		
6H3563 EMC Electronics	5	C	-	-	-	-	1				

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Uppdaterad: 2004-03-01

[På svenska](#)[Search](#)[Innehåll](#)[Kontakt](#)

Kungl Tekniska Högskolan

Studentwebben


[KTH](#) / [Studentwebben](#) / [Study Handbook \(04/05\)](#)

Study Handbook

Syllabus

[Curriculum](#)
[Courses, by](#)
[Department](#)

[TMS Courses](#)
[Abbreviations](#)

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Computer and Electrical Engineering TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6L2860 Introduction to Chemistry	1	A	-	-	-	-			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Medical Technology TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2860 <u>Introduction to Chemistry</u>	1	A	-	-	-	-			3		
6L2861 <u>Biological Chemistry</u>	5	B	-	-	-	-			3		
6L2870 <u>Anatomy, Physiology and Pathology</u>	10	A	-	-	-	-				4	
6L2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-			3		
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											
6L2001 Digital Electronics	5	B	-	-	-	-			3		
6L2002 Computer Engineering	5	B	-	-	-	-				4	
6L2003 Data Communications and Networks	5	B	-	-	-	-		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			
Under bearbetning											
6L2950 Computer Programming, Basic Course	5	A	-	-	-	-			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 <u>Medical Imaging Systems</u>	5	C	-	-	-	-				4	
6L2867 <u>Clinical Engineering</u>	5	C	-	-	-	-				4	
6L2902 <u>Business Economics and Organizational Behaviour</u>	5	A	-	-	-	-			3		
6L3006 <u>Electronic Design, Project Course</u> <i>Under bearbetning</i>	5	B	-	-	-	-			3		
Elective Courses											
6H3003 <u>Electronics II</u>	5	B	-	-	-	-			3		

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Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben



KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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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Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	AB	-	-	-	-		2			
6S2920	5	AB	-	-	-	-			3		
6S2921 Civil and Commercial Law for Engineers	5	AB	-	-	-	-			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Computer Technology and Software Engineering 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	-	-	-	-				4	
6S2903 Environmental Science and Work Science	5	A	-	-	-	-		2			
6S3000 Mathematics and Statistics	5	B	-	-	-	-			3		
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	AB	28	-	-	28		2			

Computer Technology and Software Engineering 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	B	-	-	-	-			3		
Conditionally Elective Courses											
6S3091 <u>Degree Project in Computer Technology and Real Time Progr.</u>	10	C	-	-	-	-					
6S3092 <u>Degree Project in Computer Technology&Software Development</u>	10	C	-	-	-	-					
6S3093 <u>Degree Project in Computer Technology&Graphic Programming</u>	10	C	-	-	-	-					
6S3600 <u>Theory of operating systems</u>	5	C	-	-	-	-	1				
6S3601 <u>Advanced Object Oriented Programming</u>	5	C	-	-	-	-	1				
6S3602 <u>Design Patterns</u>	5	C	-	-	-	-		2			
6S3603 <u>Real Time Programming</u>	5	C	-	-	-	-		2			
6S3604 <u>Real Time Operating Systems, project course</u>	5	C	-	-	-	-			3		
6S3605 <u>Computer Graphics I</u>	5	C	-	-	-	-		2			



6S3606 Computer Graphics II, project course	5	C	-	-	-	-		3	
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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Computer Technology, Graphics and Realtime Programming TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2000 Computer Engineering Project	5	B	-	-	-	-				4	
6S2001 Digital Electronics	5	B	36	-	-	20		2			
6S2002 Computer Engineering	5	B	36	-	-	20			3		
6S2003 Data Communications and Networks	5	B	42	-	-	24				4	
6S2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6S2901 Mathematics I	5	A	-	-	-	-			3		
6S2950 Computer Programming, Basic Course	5	A	32	-	-	28	1				
6S3106 Data Structures using C++	5	B	36	8	-	12		2			

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Computer Technology, Networks and Security TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2000 Computer Engineering Project	5	B	-	-	-	-				4	
6S2001 Digital Electronics	5	B	-	-	-	-	1				
6S2002 Computer Engineering	5	B	-	-	-	-		2			
6S2003 Data Communications and Networks	5	B	-	-	-	-			3		
6S2900 Engineering and Information Skills	5	A	-	-	-	-	1				
6S2901 Mathematics I	5	A	-	-	-	-				4	
6S2903 Environmental Science and Work Science	5	A	-	-	-	-			3		
6S2950 Computer Programming, Basic Course	5	A	-	-	-	-		2			

Computer Technology, Networks and Security TIDES2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2903 Environmental Science and Work Science	5	A	-	-	-	-				4	
6S3000 Mathematics and Statistics	5	B	-	-	-	-			3		
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	C	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	B	-	-	-	-	1				
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, continued course	5	C	-	-	-	-	2			
6S3633 Transaction's Security with Cryptography	5	C	-	-	-	-		3		
6S3634 Advanced Internet Technology	5	C	-	-	-	-	2			

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Computer and Electrical Engineering

Electronics and Computer Systems TIDES3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2904 Engineering Practice and Development	5	B	-	-	-	-			3		
6S3094 Degree Project in Electronics and Computer Systems	10	C	-	-	-	-					
Conditionally Elective Courses											
6S3660 Realtime Systems	5	C	-	-	-	-	1				
6S3661 Digital Signal Processing	5	C	-	-	-	-		2			
6S3663 PLC Programming	5	C	-	-	-	-		2			
6S3664 No translation	5	C	-	-	-	-	1				
6S3665 Electronic Design with VHDL	5	C	-	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	B	-	-	-	-		2			
6S2002 Computer Engineering	5	B	-	-	-	-			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	-	-	-	-	1				
6S3050 Design Methods	5	B	-	-	-	-				4	
6S3051 Mechatronics I, Project	5	B	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	-	-	-	-					

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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 <u>Management</u>	5	AB	-	-	-	-		2			
6S2920	5	AB	-	-	-	-			3		
6S2921 <u>Civil and Commercial Law for Engineers</u>	5	AB	-	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

Electronics and Communication

Electronics and Communication TIEMB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2121 Electrical Principals	5	B	22	20	-	16				4	
6B2904 Engineering Skills	5	B	14	2	-	12	1				
6B2906 Mathematics, Linear Algebra	5	B	28	24	-	12	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2910 Computer Technology	6	B	28	12	4	16				4	
6B2911 Digital Design	5	B	26	22	-	20			3		
6B2940 Computer Networks	5	AB	18	6	-	20		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*_	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming	4	B	14	12	-	10			3		
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-			3		
6B2934 Unix Basics	5	B	6	28	-	36			3		
6B2941 Computer Networks Intermediate Course	5	C	10	10	-	20			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			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

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

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	B	-	-	30	-	1				
6B2121 <u>Electrical Principals</u>	5	B	22	20	-	16	1				
6B2122 <u>Analog Electronics</u>	5	B	14	24	-	12		2			
6B2123 <u>Electronic Systems Project</u>	4	B	8	16	-	-				4	
6B2124 <u>Telecommunication</u>	5	B	22	20	-	16			3		
6B2912 <u>Industrial Economics</u>	4	B	16	16	-	8		2			
6B2913 <u>Sustainable Technology</u>	4	B	6	12	-	4			3	4	
6B3130 <u>Embedded Systems</u>	4	B	12	14	-	16			3		
Conditionally Elective Courses											
6B2118 <u>Medical Electronic Design</u>	5	AB	24	12	-	24				4	
Under bearbetning											
6B3291 <u>Applied Automation Control</u>	4	B	10	10	-	16				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	10	-	-	16	1				
6B3114 VHDL Design	5	C	20	18	-	24		2			
6B3115 High Frequency Electronics	5	C	20	20	-	20	1				
6B3116 Real Time Systems	4	C	-	-	30	16			3		
6B3119 IT Project	6	C	4	-	20	-			3		
Conditionally Elective Courses											
6B3111 Software Engineering	5	C	24	12	-	24		2			
6B3117 Wireless Systems	5	C	22	22	-	20		2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

Electronics and Communication

Industrial Economy TIEMB3

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	6	48	-	-			3		
6B2292 <u>Degree Project in Industrial Economy</u>	10	C	-	-	-	-				4	
6B2309 <u>ERP Systems</u>	4	AB	20	8	-	20		2	3		
6B2349 <u>Logistics</u>	4	C	20	-	-	8		2			
6B3289 <u>Databases</u>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B2274 <u>Marketing and Supply</u>	4	B	-	-	40	-			3		
6B3286 <u>Entrepreneurship</u>	4	A	-	-	40	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Electronics and Communication

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	10	-	-	16	1				
6B3116 Real Time Systems	4	C	-	-	30	16			3		
6B3117 Wireless Systems	5	C	22	22	-	20		2			
6B3118 Systems and Networks	5	C	28	18	-	8	1				
6B3119 IT Project	6	C	4	-	20	-			3		
Conditionally Elective Courses											
6B3111 Software Engineering	5	C	24	12	-	24		2			
6B3114 VHDL Design	5	C	20	18	-	24		2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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 No translation <i>Under bearbetning</i>	5	B	-	-	-	-				4	
6B2904 Engineering Skills	5	B	14	2	-	12	1				
6B2906 Mathematics, Linear Algebra	5	B	28	24	-	12	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2911 Digital Design	5	B	26	22	-	20			3		
6B2940 Computer Networks	5	AB	18	6	-	20		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
4D1060 Industrial Development	4	B	40	8	-	-			3		
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

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Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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											
6B2315 Systems Planning and Security	4	B	24	8	-	-			3		
6B2316 Object Oriented Programming in Java, Advanced Course	4	C	-	-	-	-				4	
6B2323 Mathematics, Diskret	5	B	24	26	-	12			3	4	
6B2324 Descriptive Statistics	4	B	20	18	-	-	1	2			
6B2325 Project Management	4	B	-	-	-	-	1				
6B2343 Communication and Development in Engineering	4	B	24	24	-	-				4	
6B2349 Logistics	4	C	-	-	-	-	1				
6B2353 Enterprise Systems, Configuration and Modification	5	C	-	-	-	-		2			
6B2927 Internet Development	4	C	12	-	-	20		2			
Elective Courses											
1N1114 Ethics for Engineers	5	B	16	-	-	-			3		10 h Seminars10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production* <i>Open to all students of Bachelor programmes except those on the Media, 120 cr programme.</i>	5	B	18	4	-	12			3		
4D1060 Industrial Development	4	B	40	8	-	-			3		
6B3021 Game- and 3D-programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		

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Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

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	8	16	-	-	1		3		
6B2317 Mathematical and Physical Modeling	4	C	22	49	-	-	1				
6B2319 Commercial Law with Environmental and Work Law <i>Under bearbetning</i>	5	C	22	12	-	-		2			
6B2354 Enterprice Application Integration with ERP Systems	5	C	-	-	-	-		2			
6B2355 Financial Control and Reporting	5	C	24	20	-	8	1				
6B2399 Degree Project	10	C	-	-	-	-				4	
Elective Courses											
1N1114 Ethics for Engineers	5	B	16	-	-	-			3		10 h Seminars10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production* <i>Open to all students of Bachelor programmes except those on the Media, 120 cr programme.</i>	5	B	18	4	-	12			3		
4D1060 Industrial Development	4	B	40	8	-	-			3		
6B3021 Game- and 3D-programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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	B	14	2	-	12	1				
6B2906 Mathematics, Linear Algebra	5	B	28	24	-	12	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2911 Digital Design	5	B	26	22	-	20			3		
6B2940 Computer Networks	5	AB	18	6	-	20		2			
Conditionally Elective Courses											
6B2249 Industrial IT, basic course	5	AB	20	-	-	20				4	
6B2352 Enterprise Systems, Selection and Usage	5	B	-	-	-	-				4	
6B2359 No translation Under bearbetning	5	B	-	-	-	-				4	
6B2908 Computer Network Project	5	B	14	-	48	28				4	
6B2910 Computer Technology	6	B	28	12	4	16				4	
Recommended Courses											
9E1362 Spoken and Written Swedish*	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming	4	B	14	12	-	10			3		
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-			3		
6B2934 Unix Basics	5	B	6	28	-	36			3		
6B2941 Computer Networks Intermediate Course	5	C	10	10	-	20			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			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

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	120	-	-	-	1	2	3		3 h Computer3 h Computer	
6D2311 Mathematical Statistics	3	B	45	-	-	8				4		
6D2320 General and Physical Chemistry	9	B	36	16	-	40	1	2			3 h Computer3 h Computer	
6D2321 Organic Chemistry	5	B	30	10	-	36		2	3			
6D2322 Analytical Chemistry	5	B	42	-	-	24			3	4		
6D2901 Engineering Skills	6	B	31	-	-	-	1	2			19 h Computer19 h Computer	
Elective Courses												
6D2300 Introduction to Mathematics	1	A	-	-	-	-	1					
6D2302 Introduction to Chemistry	1	A	-	-	-	-	1					
6D2940 Water Chemistry*_	5	B	12	22	-	16				4		
6D2946 The Fuel Cell*_	4	B	18	6	-	-				4		

*The course has limited participation

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

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											
6D2320 <u>General and Physical Chemistry</u>	9	B	36	16	-	40	1	2			3 h Computer3 h Computer
6D2321 <u>Organic Chemistry</u>	5	B	30	10	-	36		2	3		
6D2322 <u>Analytical Chemistry</u>	5	B	42	-	-	24			3	4	
6D2332 <u>Electrical Measurements, Control Theory and Practice</u>	4	B	39	-	-	12	1				3 h Computer3 h Computer
6D2333 <u>Biochemistry with Microbiology</u>	5	C	34	-	-	24				4	
6D2902 <u>Business Administration</u>	3	B	24	12	-	4		2			
Elective Courses											
6D2940 <u>Water Chemistry*_</u>	5	B	12	22	-	16				4	
6D2943 <u>Organic Chemistry, Advanced Course 2*_</u>	4	D	20	10	-	30				4	
6D2945 <u>Bio-inorganic Chemistry*_</u>	4	B	24	12	-	-			3		
6D2946 <u>The Fuel Cell*_</u>	4	B	18	6	-	-				4	

*The course has limited participation

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

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	D	20	10	-	40		2			
6D3704 Chemical Engineering and Technology 2	8	D	33	6	-	-	1	2	3		
6D3705 Environmental Technology	4	D	34	-	-	-	1	2			6 h Seminars6 h Seminars
6D3706 Environmental Legislation and Environmental Management	5	D	39	-	-	-	1	2			6 h Seminars6 h Seminars
6D3707 Risk Management	4	C	14	-	-	-	1				4 h Seminars4 h Seminars
6D3790 Degree Project	10	D	-	-	-	-				4	
Elective Courses											
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production* <i>Open to all students of Bachelor programmes except those on the Media, 120 cr programme.</i>	5	B	18	4	-	12			3		
6D2940 Water Chemistry*	5	B	12	22	-	16				4	
6D2943 Organic Chemistry, Advanced Course 2*	4	D	20	10	-	30				4	
6D2944 Organisational Development and Leadership*	4	C	-	-	-	-			3		
6D2945 Bio-inorganic Chemistry*	4	B	24	12	-	-			3		
6D2946 The Fuel Cell*	4	B	18	6	-	-				4	

*The course has limited participation

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Mechanical Engineering

Mechanical Engineering 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		4	
6S2401 <u>Strength of Materials with Statics</u>	5	B	-	-	-	-			3		
6S2402 <u>Computerized Tools in Design Process</u>	5	B	-	-	-	-		2	3		
6S2403 <u>Engineering Materials and Production</u>	5	B	-	-	-	-	1				
6S2409 <u>Computer Programming</u>	5	B	-	-	-	-			3	4	
6S2412 <u>Industrial Design with Colour and Form</u>	5	B	-	-	-	-				4	
6S2900 <u>Engineering and Information Skills</u>	5	A	-	-	-	-	1				
6S2901 <u>Mathematics I</u>	5	A	-	-	-	-		2			
6S2902 <u>Business Economics and Organizational Behaviour</u>	5	A	-	-	-	-				4	
Elective Courses											
6E2300 <u>Introduction to Mathematics</u>	1	A	-	-	-	-					
6E2301 <u>Introduction to Computer Studies</u>	1	A	-	-	-	-					

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Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

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Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Mechanical Engineering

Mechanical Engineering TIMAS3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Elective Courses												
6S2920	5	AB	-	-	-	-			3			
6S2921 Civil and Commercial Law for Engineers	5	AB	-	-	-	-			3			
6S3423 Advanced Project	5	C	-	-	-	-						

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Mechanical Engineering

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	B	-	-	-	-	1				
6S2406 Industrial Marketing	5	B	-	-	-	-		2			
6S2407 Quality Assurance	5	B	-	-	-	-				4	
6S2408 Electrical and Control Engineering	5	B	-	-	-	-		2			
6S2410 Applied Mathematics	5	B	-	-	-	-			3		
6S2903 Environmental Science and Work Science	5	A	-	-	-	-	1				
6S2904 Engineering Practice and Development	5	B	-	-	-	-				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 Economic Calculation and Decision Models	5	AB	-	-	-	-	1				
Conditionally Elective Courses											
6S2417 Logistics System	5	AB	-	-	-	-		2			
6S2419 Management	5	AB	-	-	-	-		2			
6S3405 Logistics*	5	C	-	-	-	-			3		
6S3406 Manufacturing Process, Intermediate Course II, Extended Course	10	C	-	-	-	-		2	3		
6S3407 Manufacturing Process, Intermediate Course II	5	C	-	-	-	-		2			
6S3408 Quality Tools for Continual Improvement	5	C	-	-	-	-	1				
6S3409 Quality – a 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	10	C	-	-	-	-					
Adm. & Manufacturing											

*The course has limited participation

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses**Abbreviations**[Previous academic year \(03/04\)](#)[Next academic year \(05/06\)](#)

Mechanical Engineering

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	-	-	-	-				4	
6S2410 Applied Mathematics	5	B	-	-	-	-	1				
6S2411 Mechanics II	5	B	-	-	-	-		2			
6S2412 Industrial Design with Colour and Form	5	B	-	-	-	-	1				
6S2413 Functional Elements	5	A	-	-	-	-				4	
6S2903 Environmental Science and Work Science	5	A	-	-	-	-			3		
6S2904 Engineering Practice and Development	5	B	-	-	-	-		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											
6S2404 Solid Mechanics, Intermediate course	5	AB	-	-	-	-	1				
6S2414 Ergonomics in Product Development	5	AB	-	-	-	-	1				
6S2415 Industrial Design with Colour and Form, Intermediate Course	5	AB	-	-	-	-		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, Intermediate 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	AB	-	-	-	-	2		
6S3401 Manufacturing Process, Intermediate Course	5	C	-	-	-	-	3		
6S3422 Applied Mechanics	5	C	-	-	-	-	3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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				
2D2011 Introduction to Media Technology	5	A	24	8	-	16	1				
2D2012 Multimedia Production, Technical Project	5	A	22	9	-	18		2			
2D2013 Creation and Design for Bachelors, Undergraduate Course	5	B	30	2	-	-			3	4	Other 6 h
2D2050 Programming, Basic Course	5	A	-	-	-	-			3	4	
5B1127 Mathematics H1	5	A	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	A	29	9	-	12		2			
Elective Courses											
5B1126 Mathematics, Preparation course	5	AB	-	-	50	-			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses**Abbreviations**[Previous academic year \(03/04\)](#)[Next academic year \(05/06\)](#)

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	18	2	-	5	1				
2D2021 Audio and Video Technology*	5	B	26	15	-	8		2			
2D2022 Engineering Practice and Development in Media Technology	5	B	18	20	-	-		2			Assignments
2D2051 Database Technology and Data Communication	5	B	36	-	-	26				4	
4F2010 Electronics and digital technology	5	B	12	21	-	13	1				
5B1104 Calculus I, part 1	5	AB	-	-	-	-			3		
5B2501 Probability and statistics <i>Under bearbetning</i>	5	B	-	-	44	4				4	
6H2903 Environmental Science and Work Science	5	A	-	-	-	-			3		

*The course has limited participation

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)

[Next academic year \(05/06\)](#)

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	34	20	-	-	1				
2D2031 Radio Technology*_	5	C	22	6	-	12	1				
Elective Courses											
2D2032 Graphic Arts Technology_	5	B	20	8	-	16			3		
2D2033 Interactive Media Technology*_	5	C	14	-	-	14		2			
2D2052 Basic Internet Programming_	5	B	22	-	-	24			3		
4D1025 Economics and Law of Media_	5	C	24	18	-	-		2			

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	AB	20	-	-	20				4	
6B2904 Engineering Skills	5	B	14	2	-	12	1				
6B2906 Mathematics, Linear Algebra	5	B	28	24	-	12	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2910 Computer Technology	6	B	28	12	4	16				4	
6B2911 Digital Design	5	B	26	22	-	20			3		
6B2940 Computer Networks	5	AB	18	6	-	20		2			
Recommended Courses											
9E1362 Spoken and Written Swedish*-	4	B	-	-	42	-		2	3		
Elective Courses											
6B2408 Multimedia Programming	4	B	14	12	-	10			3		
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-			3		
6B2934 Unix Basics	5	B	6	28	-	36			3		
6B2941 Computer Networks Intermediate Course	5	C	10	10	-	20			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			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

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

Previous academic year (03/04)

Next academic year (05/06)

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	B	50	-	-	10				4	
6B2254 <u>Design and Technology</u>	11	AB	-	-	108	44		2	3	4	
6B2255 <u>Production Engineering</u>	5	B	42	-	-	8	1			4	
6B2256 <u>Engineering Materials</u>	4	B	-	-	-	-			3		
6B2257 <u>Electrical Principals</u> <i>Under bearbetning</i>	4	AB	30	-	-	28	1				
6B2912 <u>Industrial Economics</u>	4	B	16	16	-	8		2			
6B2913 <u>Sustainable Technology</u>	4	B	6	12	-	-	1	2			
Elective Courses											
6B2408 <u>Multimedia Programming</u>	4	B	14	12	-	10			3		
6B2922 <u>Computer Assisted Technical Information</u>	4	B	-	16	-	-			3		
6B2934 <u>Unix Basics</u>	5	B	6	28	-	36			3		
6B2941 <u>Computer Networks Intermediate Course</u>	5	C	10	10	-	20			3		
6B2955 <u>Mechanical Workshop</u>	4	B	-	44	-	-			3		
6B2961 <u>Electrical Engineering, Advance Course</u> <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	B	16	8	-	46			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

**Curriculum
Courses, by
Department**

TMS Courses

Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Mekatronik och industriell IT

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	6	48	-	-			3		
6B2292 <u>Degree Project in Industrial Economy</u>	10	C	-	-	-	-				4	
6B2309 <u>ERP Systems</u>	4	AB	20	8	-	20		2	3		
6B2349 <u>Logistics</u>	4	C	20	-	-	8		2			
6B3289 <u>Databases</u>	4	B	-	-	-	-		2			
Conditionally Elective Courses											
6B2274 <u>Marketing and Supply</u>	4	B	-	-	40	-			3		
6B3286 <u>Entrepreneurship</u>	4	A	-	-	40	-			3		

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Uppdaterad: 2004-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses**Abbreviations**[Previous academic year \(03/04\)](#)[Next academic year \(05/06\)](#)

Mekatronik och industriell IT

Industrial IT TIMIB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2261 Industriel IT, intermediate course	4	AB	-	-	-	-	1					
6B2262 Industrial IT, advanced course	4	C	8	-	8	26	1	2				
6B2265 IT Project Regarding Industrial IT	6	C	-	-	-	-			3			
6B2271 Industrial Economy, advance course 1	4	C	8	32	-	8			3			
6B2291 Degree Project in Industrial IT	10	C	-	-	-	-				4		
6B2349 Logistics	4	C	20	-	-	8		2				
6B3280 Computer Aided Design	4	C	-	-	6	26	1					
Conditionally Elective Courses												
6B2267 Sensors and Actuators	4	B	-	-	-	-		2				
6B2309 ERP Systems	4	AB	20	8	-	20		2	3			

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Uppdaterad: 2004-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

Mekatronik och industriell IT

Mechatronics TIMIB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2260 <u>Product Development</u>	4	AB	-	-	-	-	1	2			
6B2264 <u>IT Project Regarding Mechatronics</u>	6	C	-	-	-	-			3		
6B2266 <u>Programming of Embedded Systems</u>	4	C	-	-	-	-	1				
6B2267 <u>Sensors and Actuators</u>	4	B	-	-	-	-		2			
6B2271 <u>Industrial Economy, advance course 1</u>	4	C	8	32	-	8			3		
6B2290 <u>Degree Project in Mechatronics</u>	10	C	-	-	-	-				4	
6B3280 <u>Computer Aided Design</u>	4	C	-	-	6	26	1				
6B3291 <u>Applied Automation Control</u>	4	B	10	10	-	16	1	2			

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Uppdaterad: 2004-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (04/05)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(03/04\)](#)
[Next academic year \(05/06\)](#)

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 <u>Engineering and Information Skills</u>	5	A	-	-	-	-			3		
6H2952 <u>**Translation not found**</u> <i>Under bearbetning</i>	5	A	-	-	-	-			3		
6S2953 <u>**Translation not found**</u> <i>Under bearbetning</i>	5	A	-	-	-	-				4	
6S2954 <u>Industrial Marketing</u>	5	A	-	-	-	-				4	

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