

Computer Science

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	17/18	17/18	17/18	17/18
									sp1	sp2	sp3	sp4
EDAN55	7.5	A	C, D, E, E, Pi	X	E	Advanced Algorithms		KS KE U W T	1			
EDAA25	3	G1	BME, C, D, E, E, L, M, N, Pi	X	S	C Programming		KS KE U W T	1			
EDAN65	7.5	A	C, D, E, E, Pi	X	E1	Compilers	X	KS KE U W T	1			
EDAF80	7.5	G2	C, D, E, E, L, Pi	X	E	Computer Graphics		KS KE U W T	1			
EDAA60	3	G1	D	-	S	Computer Introduction		KS KE U W T	1			
EDAN85	7.5	A	D, E, MSOC	X	E	Design of Embedded Systems, Advanced Course	X	KS KE U W T	1			
EDAN20	7.5	A	C, D, E, Pi	X	E	Language Technology		KS KE U W T	1			

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									sp1	sp2	sp3	sp4
EDAN26	7.5	A	C, D, E, Pi	-	S	Multicore Programming	X	KS KE U W T	1			
EDAF60	4.5	G2	C, D, E, F, I, L	-	S	Object-oriented Modelling and Design	X	KS KE U W T	1			
EDAN75	7.5	A	C, D, E, Pi	X	S	Optimising Compilers	X	KS KE U W T	Course on hold			
EDAA20	7.5	G1	B, K, L	-	S	Programming and Databases		KS KE U W T	1			
EDAF85	7.5	G2	IDA	-	S	Real-Time Systems		KS KE U W T	1			
ETSN05	7.5	A	BME, C, D, E, F, I, L, Pi	-	S	Software Development for Large Systems		KS KE U W T	1			
EDAA10	7.5	G1	IDA, IEA	-	S	Computer Programming in Java		KS KE U W T	1	2		
EDAF55	6	G2	BME, C, D, E, F, M, Pi	X	E1	Concurrent Programming		KS KE U W T	1	2		

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								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
EDAA45	7.5	G1	D, W	-	S	Introduction to Programming	KS KE U W T	1	2		
EDAA01	7.5	G1	BME, C, E, F, N, W	-	S	Programming - Second Course	KS KE U W T	1	2		
EDAA01			D, E, I, L, M, Pi				X			3	
EDAA30	7.5	G1	IDA, IEA	-	S	Programming in Java - Second Course	KS KE U W T	1	2		
ETSF30	7.5	G2	IDA	-	S	Requirements Engineering	KS KE U W T	1	2		
EDAN10	7.5	A	BME, C, D, E, F, I, Pi	X	E1	Configuration Management	KS KE U W T		2		
EDAN01	7.5	A	C, D, E, IDA, Pi	X	E	Constraint Programming	KS KE U W T		2		

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									sp1	sp2	sp3	sp4
EDAN35	7.5	A	C, D, E, F, L, Pi	X	E	High Performance Computer Graphics	KS KE U W T		2			
EDAF30	7.5	G2	IDA, IEA	-	S	Programming in C++	KS KE U W T		2			
EDAN70	7.5	A	C, D, E, F, Pi	X	E1	Project in Computer Science	KS KE U W T		2			
EDAN70			C, D, E, F, Pi									4
ETSN15	7.5	A	C, D, E, F, I	X	S	Requirements Engineering	KS KE U W T		2			
ETSF25	7.5	G2	C, D	-	S	The Business of Software	KS KE U T		2			
EDAN80	9	A	C, D, F	-	S	Coaching of Programming Teams	KS KE U W T		2	3		

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EDAA55	9	G1	C, E	-	S	Programming, First Course	KS KE U W T		2	3	
EDAA55			I, Pi						2	3	
EDAA55			E							3	4
EDAF45	7.5	G2	C, D, E, F, Pi	-	S	Software Development in Teams - Project	KS KE U W T		2	3	
EDAA65	6	G1	M, MD	-	S	Programming, First Course	X KS KE U W T		2	3	4
EDAA65			B, K, W							3	4
EDAF70	7.5	G2	BME, C, D, E, F, Pi	X	E	Applied Artificial Intelligence	KS KE U W T			3	

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								17/18 sp1	17/18 sp2	17/18 sp3	17/18 sp4
EDAF65	7.5	G2	BME, C, D, E, L	-	S	Network Programming	KS KE U W T			3	
ETSN20	7.5	A	C, D, E, F, I, Pi	X	E	Software Testing	KS KE U W T			3	
EDAF50	7.5	G2	BME, C, D, E, F, M, Pi	X	S	C++ Programming	KS KE U W T			3	4
EDAF20	7.5	G2	IDA, IEA	-	S	Database Technology	KS KE U W T			3	4
EDAF75	7.5	G2	BME, C, D, E, F, I, L, Pi	X	S	Database Technology	KS KE U W T			3	4
EDAA35	7	G1	D	-	S	Evaluation of Software Systems	KS KE U T			3	4
EDAF25	7.5	G2	IDA	-	S	Object-oriented Modelling and Design	KS KE U W T			3	4

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EDAA50	7.5	G1	BME, N	-	S	Programming, First Course	KS KE U W T			3	4
ETSF20	7.5	G2	IDA	-	S	Software Development for Large Projects	KS KE U W T			3	4
EDAF15	5	G2	C, D, E, Pi	-	S	Algorithm Implementation	KS KE U W T				4
EDAF05	5	G2	C, D, E, F, Pi	X	E1	Algorithms, Data Structures and Complexity	KS KE U W T				4
EDAN15	7.5	A	D, E, M, MSOC, MWIR	X	E	Design of Embedded Systems	KS KE U W T				4
EDAA40	5	G1	D	X	E	Discrete Structures in Computer Science	KS KE U W T				4
EDAF40	5	G2	D	X	E	Functional Programming	X KS KE U W T				4

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EDAN40	7.5	A	BME, C, D, E, F, L, Pi	X	E	Functional Programming	X	KS	KE	U	W	T	4
EDAF35	7.5	G2	C, D, E, F, Pi	X	S	Operating Systems		KS	KE	U	W	T	4
ETSA02	6	G1	I	-	S	Software Engineering - Methodology	X	KS	KE	U	W	T	4
ETSA02			C										4

[EDAN65](#) (D, E) Compilers: *Replaces [EDA180](#) Compiler Construction*

[EDAN85](#) (D, E, MSOC) Design of Embedded Systems, Advanced Course: *The course is offered every other academic year and will be given in 2017/18, 2019/20.*

[EDAN26](#) (C, D, E, Pi) Multicore Programming: *The course is offered every other academic year and will be given in 2017/18, 2019/20.*

[EDAF60](#) (E) Object-oriented Modelling and Design: *Only one of the courses [EDA061](#) / [EDAF60](#) and [EDAF10](#) may be included in a degree.*

[EDAN75](#) (C, D, E, Pi) Optimising Compilers: *The course is offered every other academic year and will next be offered in 2018/19.*

[EDAA01](#) (I) Programming - Second Course: *Compulsory course in the elective blocks 'Mathematical Modelling' and 'Systems and Software Development' for students admitted autumn 2015. The course is also an optional programme course.*

[EDAA65](#) (M, MD) Programming, First Course: *The course begins with a few lectures at the end of period 2, but the majority of the course is given in period 3 and 4.*

[EDAF40](#) (D) Functional Programming: *Can be replaced by [EDAN40](#).*

[EDAN40](#) (D) Functional Programming: *Part of the specialisation pv for students admitted autumn 2014 and earlier. Alternate compulsory with [EDAF40](#) for students admitted autumn 2015 and later.*

[ETSA02](#) (I) Software Engineering - Methodology: *Compulsory course in the elective blocks 'Systems and Software Development' for students admitted autumn 2015. The course is also an optional programme course.*

Bachelor's Projects of the Department

The list contains the bachelor's projects which are given by the department and which programme each bachelor's project is included in.

Links

Course Code	Credits	Programme	Course Name	Links
EDAL01	15	C , D , E , F , Pi	Bachelor Project in Computer Science	KS KE U W

Degree Projects of the Department

The list contains the degree projects which are given by the department and which programme each degree project is included in.

Links

Course Code	Credits	Programme	Course Name	Links
EDAL05	22.5	IDA	Degree Project in Computer Science	KS KE U
EDAM05	30	BME , C , D , E , E , I , M , Pi	Degree Project in Computer Sciences for Engineers	KS KE U W