

Official national transcript of records

Institutions of higher education in Sweden

Official transcript of records for

HARALD NORDGREN

(Civic registration number 900404-1936)

LUND UNIVERSITY, SWEDEN

Admitted to study programme:

Master of Science in Engineering, Computer Science and Engineering 300 Credits

Courses -----	Credits -----	ECTS		Date -----	Note -----
		Grade	Grade		
EDA070 Computer Introduction	3.0	G	*	2009-09-18	1,k
Cycle: First cycle					
Computer Introduction	(3.0)	G	*	2009-09-18	k
EDA016 Programming, First Course	7.5	5	*	2009-12-14	2,k
Cycle: First cycle					
Laboratory Work and Assignments	(4.5)	G	*	2009-12-04	1,k
Examinations	(3.0)	5	*	2009-12-14	k
EDAA05 Computers in Systems	8.0	G	*	2010-02-02	1
Cycle: First cycle					
Exercises and Laboratory Work	(2.0)	G	*	2009-10-09	
Written Examination	(2.0)	G	*	2009-10-19	
Project Work	(4.0)	G	*	2010-02-02	
EDAA01 Programming - Second Course	7.5	5	*	2010-03-09	2
Cycle: First cycle					
Compulsory Course Items	(3.0)	G	*	2010-03-08	1
Written Examination	(4.5)	5	*	2010-03-09	
FMAA01 Calculus in One Variable	15.0	4	*	2010-03-10	2
Cycle: First cycle					
Assignment 1	(0.0)	G	*	2009-09-04	1
Computational Ability Test 1	(0.0)	G	*	2009-09-14	1
Computational Ability Test 2	(0.0)	G	*	2009-10-12	1
Part A1	(5.0)	G	*	2009-10-23	1
Assignment 2	(0.0)	G	*	2009-11-24	1
Part A2	(5.0)	G	*	2009-12-18	1
Part A3	(5.0)	G	*	2010-03-10	1
FMA420 Linear Algebra	6.0	5	*	2010-05-26	2,k
Cycle: First cycle					
Linear Algebra	(6.0)	5	*	2010-05-26	k
ETSA01 Software Engineering Process - Methodology	5.0	3	*	2010-06-03	2
Cycle: First cycle					
Project	(3.0)	3	*	2010-06-02	
Written Examination	(2.0)	3	*	2010-06-03	
ETS052 Computer Communication	4.5	4	*	2010-10-19	2,k
Cycle: First cycle					

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Laboratory Work	(1.5)	G	*	2010-10-13	1,k
Examination	(3.0)	4	*	2010-10-19	k
EDAF10 Object-oriented Modeling and Discrete Structures	7.5	5	*	2010-11-11	2
Cycle: First cycle					
Laboratory Work	(0.0)	G	*	2010-10-13	1
Written Examination	(5.5)	5	*	2010-10-22	
Project	(2.0)	G	*	2010-11-11	1
FMA430 Calculus in Several Variables	6.0	5	*	2010-12-14	2,k
Cycle: First cycle					
Computer Work	(0.0)	G	*	2010-12-01	1
Calculus in Several Variables	(6.0)	5	*	2010-12-14	
EIT020 Design of Digital Circuits - A Systems Approach	9.0	4	*	2010-12-18	2,k
Cycle: First cycle					
Laboratory Work	(4.5)	G	*	2010-11-23	1
Examination	(4.5)	4	*	2010-12-18	
FMAF01 Mathematics - Analytic Functions	7.0	5	*	2011-03-07	2
Cycle: First cycle					
Analytic Functions	(7.0)	5	*	2011-03-07	
Computer Laboratory Work	(0.0)	G	*	2011-03-07	1
EIT070 Computer Organization	6.0	5	*	2011-03-09	2,k
Cycle: First cycle					
Laboratory Work	(1.5)	G	*	2011-02-25	1
Examination	(4.5)	5	*	2011-03-09	
EDA260 Software Development in Teams - Project	6.0	G	*	2011-03-18	1,k
Cycle: First cycle					
Software Development in Teams - Project	(6.0)	G	*	2011-03-18	k
ETIA01 Electronics	8.0	4	*	2011-05-18	2
Cycle: First cycle					
Examination	(5.0)	4	*	2010-05-27	
Assignments	(1.0)	G	*	2010-05-28	1
Laboratory Work	(2.0)	G	*	2011-05-18	1
EDAF05 Algorithms, Data Structures and Complexity	5.0	5	B	2011-05-25	2
Cycle: First cycle					
Compulsory Course Items	(2.0)	G	*	2011-05-20	1
Written Examination	(3.0)	5	B	2011-05-25	
ETI265 Signal Processing in Multimedia	7.5	5	*	2011-06-01	2,k
Cycle: First cycle					
Laboratory work	(0.0)	G	*	2011-05-31	1,k
Examination	(7.5)	5	*	2011-06-01	k
FMAF05 Mathematics - Systems and Transforms	7.0	5	*	2011-06-03	2
Cycle: First cycle					
Systems and Transforms	(7.0)	5	*	2011-06-03	
Computer Work	(0.0)	G	*	2011-06-03	1
ETSA05 Software Engineering Process - Soft Issues	4.0	5	*	2011-06-10	2
Cycle: First cycle					
Seminars	(2.0)	G	*	2011-05-26	1
Group Assignment	(2.0)	5	*	2011-06-10	
FRT010 Automatic Control, Basic Course	7.5	5	*	2011-10-20	2,k
Cycle: First cycle					

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Laboratory Work 1	(0.0)	G	*	2011-09-12	1,k
Laboratory Work 2	(0.0)	G	*	2011-09-30	1,k
Laboratory Work 3	(0.0)	G	*	2011-10-12	1,k
Examination	(7.5)	5	*	2011-10-20	k
EDA040 Concurrent Programming	6.0	4	*	2011-12-01	2,k
Cycle: First cycle					
Written Examination in Concurrent Programming	(3.0)	4	*	2011-10-22	
Compulsory Course Items	(3.0)	G	*	2011-12-01	1
TEK210 Cognition	4.5	4	*	2011-12-06	2,k
Cycle: First cycle					
Cognition	(4.5)	4	*	2011-12-06	k
FMS012 Mathematical Statistics, Basic Course	9.0	5	*	2011-12-15	2,k
Cycle: First cycle					
Laboratory Work	(1.0)	G	*	2011-12-08	1
Examination	(8.0)	5	*	2011-12-15	
FAFF25 Physics	11.0	5	*	2012-03-09	2
Cycle: First cycle					
Thermodynamics	(3.0)	4	*	2012-01-20	
Project	(3.0)	G	*	2012-03-09	1
Photonics	(5.0)	5	*	2012-03-09	
ETS075 Queuing System	4.5	5	*	2012-05-21	2,k
Cycle: First cycle					
Laboratory Work	(1.5)	G	*	2012-05-15	1,k
Examination	(3.0)	5	*	2012-05-21	k
ETSF01 Software Engineering Process - Economy and Quality	4.0	5	*	2012-06-05	2
Cycle: First cycle					
Written Examination	(2.0)	5	*	2012-05-24	
Project	(2.0)	G	*	2012-06-05	1
FIVA01 Film Studies: Level 1 and 2	60.0	G	*	2013-06-07	3
Cycle: First cycle					
Examination	(7.5)	VG	*	2012-10-05	
Examination	(7.5)	G	*	2012-11-19	
Examination	(7.5)	G	*	2012-12-05	
Examination	(7.5)	G	*	2013-01-18	
Examination	(7.5)	VG	*	2013-02-11	
Examination	(7.5)	G	*	2013-03-23	
Examination	(7.5)	VG	*	2013-04-30	
Examination	(7.5)	G	*	2013-06-07	
EDAN55 Advanced Algorithms	7.5	4	*	2014-10-27	2
Cycle: Second cycle					
Compulsory Course Items	(3.0)	G	*	2014-10-10	1
Written Examination	(4.5)	4	*	2014-10-27	
EDAA25 C Programming	3.0	3	*	2014-10-30	2
Cycle: First cycle					
Compulsory Course Items	(1.0)	G	*	2014-10-23	1
Written Examination	(2.0)	3	*	2014-10-30	
EDAN20 Language Technology	7.5	5	*	2014-10-30	2
Cycle: Second cycle					
Statistical Techniques for Text Analysis	(3.5)	G	*	2014-10-01	1
Syntactic and Semantic Processing of Text	(4.0)	G	*	2014-10-20	1
Written Examination	(0.0)	5	*	2014-10-30	
EDIN01 Cryptography	7.5	3	*	2015-01-15	2
Cycle: Second cycle					

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Cryptography	(7.5)	3	*	2015-01-15	
EIT060 Computer Security	7.5	4	*	2015-03-17	2,k
Cycle: First cycle					
Examination	(3.5)	4	*	2015-03-17	
Laboratory Work	(2.0)	G	*	2015-03-17	1
Project	(2.0)	G	*	2015-03-17	1
EDAN01 Constraint Programming	7.5	3	*	2015-03-18	2
Cycle: Second cycle					
Constraint Programming	(7.5)	3	*	2015-03-18	
EDA031 C++ Programming	7.5	4	*	2015-04-13	2,k
Cycle: First cycle					
Written Examination	(4.5)	4	*	2015-03-21	k
Laboratory Work and Assignment	(3.0)	G	*	2015-04-13	1,k
FMN011 Numerical Analysis	6.0	5	*	2015-06-03	2,k
Cycle: First cycle					
Examination	(6.0)	5	*	2015-06-03	k
EDAN40 Functional Programming	7.5	5	*	2015-06-04	2
Cycle: Second cycle					
Written Examination	(4.0)	5	*	2015-01-13	
Assignments	(3.5)	G	*	2015-06-04	1

Total sum: 297.5 credits

Transferred courses	Credits	Grade	ECTS	Date	Note
Optional Course	10.0	credits			
Cycle: Second cycle					
replaced by					
Control Systems Theory & design			*		
from University of Illinois at Urbana-Champaign, USA					
Optional Course	6.0	credits			
Cycle: Second cycle					
replaced by					
Advanced Topics in Mathematics			*		
from University of Illinois at Urbana-Champaign, USA					
Optional Course	6.0	credits			
Cycle: First cycle					
replaced by					
Intro to Social Psych			*		
from University of Illinois at Urbana-Champaign, USA					
Optional Course	9.0	credits			
Cycle: First cycle					
replaced by					
FIVA01 Film Studies: Level 1 and 2	60.0	G	*	2013-06-07	3
Cycle: First cycle					
from Lund University					

The above is an excerpt from the register of student records.

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Notes:

k Credits converted 1 July 2007

* Grade according to ECTS is not given

Grading systems:

1) G Pass, U Fail, TG Transferred Course

2) 5 Five, 4 Four, 3 Three, U Fail, TG Transferred Course

3) VG Pass with Distinction, G Pass, U Fail, TG Transferred Course

ECTS: European Credit Transfer System

ECTS grading system: A Excellent, B Very good, C Good, D Satisfactory, E Sufficient
The credit system is compatible with ECTS credits.

60 credits represent a full academic year.