



19.02.2019

Juha-Matti Aleksanteri Huusko  
Pursitie 7F28  
80160 JOENSUU

Date of birth 20.04.1987  
Student number 175783  
Registered 01.08.2007

**STUDY RIGHT**

Admitted by Faculty of Science and Forestry  
Organisation Computer Science, Joensuu (J)  
Valid 01.08.2018 - 31.07.2025  
Starting Date 01.08.2018  
Decree Government Decree on University Degrees 794/2004  
Scope of Studies Bachelor of Science  
Major Computer Science

**Courses completed: 01.08.2007- 19.02.2019**

COURSES	CREDIT POINTS	GRADE	DATE	INSTRUCTOR
3621410 Discrete Structures	5,00 *	5/5	18.12.2018	Erkki Pesonen
3621250 Introduction to Computing	5,00 *	2/5	26.10.2018	Erkki Pesonen
70487 Doctor of Philosophy	101,00	Pass	15.06.2017	Faculty of Science and Forestry
3318440 Doctoral Thesis	0,00 *	App	15.06.2017	Faculty of Science and Forestry
3317161 Topology	8,00	5/5	28.04.2017	Janne Heittokangas
3318410 Postgraduate Studies, Mathematics	93,00 *	4/5	28.04.2017	Jouni Rättyä
5311304 J: General Administrative Law	5,00 *	1/5	09.12.2016	Jonna Kosonen Ulla-Maija Väättänen
5311024 J: ABC of Law	2,00 *	Pass	10.10.2016	Jonna Kosonen
3318238 Löwner theory	4,00	Pass	07.03.2016	Jouni Rättyä
3318234 Introduction to Univalent Functions	8,00	3/5	20.10.2015	Jouni Rättyä
1145014 Orientation for Doctoral Candidates	0,00	Pass	24.03.2015	Anu Kristiina Liikanen
3010600 General postgraduate education	8,00 *	Pass	24.03.2015	Jouni Rättyä
3317467 Special Undergraduate Studies	2,00	Pass	20.02.2015	Martti Pesonen
<i>Differential Projective Geometry and Schwarzian Derivative, Univeristy of Eastern Finland, 10-20.2.2015</i>				
3318236 Functional Analysis	4,00	Pass	01.12.2014	Jouni Rättyä
3318215 Nevanlinna Theory	4,00	5/5	11.06.2014	Risto Korhonen
3317151 Functional Analysis	8,00	5/5	13.05.2014	Jouni Rättyä
8010053 Speech Communication for Post-Graduate Students	2,00	Pass	02.05.2014	Sanna-Maija Niskanen
3317463 Hyperbolic Geometry	2,00	Pass	07.04.2014	Martti Pesonen
3317333 Calculus of Variations	4,00	4/5	21.03.2014	Jukka Tuomela
8010060 English for Postgraduate Students	4,00	Pass	03.03.2014	Gerald Netto
3318214 Entire Functions	8,00	3/5	31.12.2013	Jouni Rättyä
3318213 Special Course on Complex	8,00	3/5	30.12.2013	Jouni Rättyä

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COURSES	CREDIT POINTS	GRADE	DATE	INSTRUCTOR	
3317311	Matrices	8,00	4/5	17.12.2013	Maria-José Martin-Gómez
8020240	Information skills for postgraduate students	2,00	Pass	17.12.2013	Jussi Hyvärinen Kaarina Meriläinen Laura Parikka Marja Aho Merja Kauppinen Riitta Holopainen Tapani Toivanen Anu Kristiina Liikanen
1145005	Orientation to Postgraduate Studies	0,00	Pass	06.11.2013	
3317491	Master's Thesis (Mathematics)	30,00	4/5	20.09.2013	Faculty of Science and Forestry
0510	Mathematics	72,00*	4/5	20.09.2013	Risto Korhonen
3319140	Mathematics (Subject Teacher, Advanced Studies)	72,00	4/5	20.09.2013	Risto Korhonen
70287	Master of Science	202,00	Pass	20.09.2013	Faculty of Science and Forestry
3317493	Master's Maturity Test	0,00	Pass	18.09.2013	Jouni Rättyä
0520	Physics	38,00*	5/5	30.08.2013	Markku Kuittinen
3314320	Physics, Intermediate Studies, Subject Teacher, Minor Subject	38,00	5/5	30.08.2013	Markku Kuittinen
3311001	Laboratory Practice I	5,00	5/5	30.08.2013	Martti Mäkinen
2008	Subject Teacher's Pedagogical Studies	35,00*	5/5	17.05.2013	Pertti Väisänen
2320560	Teacher's Pedagogical Studies (35 op)	35,00	5/5	17.05.2013	Pertti Väisänen
2510022	Advanced Teaching Practice	8,00	Pass	17.05.2013	Seija Jeskanen
2320506	Integrating Pedagogy	3,00	5/5	15.05.2013	Kari Sormunen
3318216	Rieman Mapping Theorem and the Dirichlet Problem	8,00	4/5	15.04.2013	Jouni Rättyä
3315139	Study Planning	1,00	Pass	28.02.2013	Risto Korhonen
3010500	Other studies included in degree	57,00*	Pass	28.02.2013	Faculty of Science and Forestry, shared activities (J,K)
345	Bachelor of Science	180,00	Pass	15.02.2013	Faculty of Science and Forestry
3010300	Studies in language and communication	8,00*	Pass	15.02.2013	Visa Latvala
2320505	Applied Teaching Practice	4,00	Pass	07.02.2013	Kari Sormunen
3318212	Special Postgraduate Studies <i>Conference in Complex Analysis 3.-4.12.2012 University of Eastern Finland</i>	1,00	Pass	15.01.2013	Janne Heittokangas
2510012	Basic Teaching Practice	5,00	Pass	14.12.2012	Seija Jeskanen
3312034	Planning and Realization of a Workshop for SciFest	5,00	Pass	21.05.2012	Pekka Hirvonen
3317191	Differential Geometry	8,00	3/5	11.05.2012	Samuli Piipponen



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COURSES	CREDIT POINTS	GRADE	DATE	INSTRUCTOR	
2320101	Education and Educational Research	5,00	3/5	21.03.2012	Pertti Väisänen
2320530	Teacher's Pedagogical Studies (25 op)	25,00*	3/5	21.03.2012	Pertti Väisänen
2320203	P: Pedagogical Perspectives of Educational Use of ICTs	3,00	Pass	05.01.2012	Jani Kontkanen
3317171	Complex Analysis II	8,00	4/5	09.12.2011	Rauno Aulaskari
2320503	The Teacher's Professional Competence in Interaction	3,00	Pass	05.12.2011	Kirsi Heikkinen-Jokilahti
3316492	Bachelor's Thesis	10,00	5/5	21.11.2011	Jouni Rättyä
3319130	Mathematics (Subject Teacher, Basic and Intermediate Studies)	74,00*	5/5	21.11.2011	Risto Korhonen
3316493	Bachelor's Maturity Test	0,00	Pass	17.11.2011	Jouni Rättyä
2510050a	P: Administration and Leading in Education, lectures and literature	2,00	Pass	31.10.2011	Petri Salo
2510050b	P: Administration and Leading in Education, seminar	1,00	Pass	18.10.2011	University Teacher Training Schools in Joensuu (J)
3317242	Mathematical Demonstrations and Club Activities	6,00	Pass	23.05.2011	Martti Pesonen
J313109	Research in Subject Pedagogy	3,00	4/5	16.05.2011	Lenni Haapasalo
3317123	Measure and Integration Theory b	4,00	4/5	13.05.2011	Risto Korhonen
3317321	Partial Differential Equations	8,00	4/5	13.05.2011	Jukka Tuomela
3317222	History of Mathematics	4,00	5/5	12.05.2011	Heli Silvennoinen
3317122	Measure and Integration Theory a	4,00	5/5	14.03.2011	Risto Korhonen
J312106B	Education and Development During life Course	1,00	3/5	11.03.2011	Marjatta Vanhalakka-Ruoho
3010500	Other studies included in degree <i>includes 32 ECTS credits studies of Mathematics.</i>	48,00*	Pass	08.03.2011	Visa Latvala
3311007	Basics of Numerical Analysis in Physics	3,00	Pass	08.03.2011	Hannu Laamanen
3316321	Numerical Analysis	8,00	5/5	20.12.2010	Timo Erkama
3311014	Theory of relativity	4,00	5/5	16.12.2010	Kai-Erik Peiponen
J313107	Teaching and Learning Processes in Subject Pedagogy	3,00	5/5	14.12.2010	Lenni Haapasalo
J313111A	Encountering Diversity of Students	3,00	2/5	08.12.2010	Leena Holopainen
J312103	Basic Skills in Teaching, Learning and Teacherhood	3,00	Pass	19.10.2010	Lenni Haapasalo
J312102	Basic Skills in Teaching, Learning and Teacherhood	2,00	5/5	18.10.2010	Lenni Haapasalo
J312225B	Orientation to Teaching Practice	3,00	Pass	30.09.2010	Seija Jeskanen
J701614	Academic English for Students of Mathematics and Physics	1,00	3/5	21.05.2010	Anna Krizsan



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COURSES		CREDIT POINTS	GRADE	DATE	INSTRUCTOR
J313111B	Encountering Diversity of Students	3,00	Pass	18.05.2010	Päivi-Katriina Juutilainen
J312106A	Education and Development During life Course	2,00	4/5	11.05.2010	Marjatta Vanhalakka-Ruoho
J180661	Number Theory	8,00	5/5	11.05.2010	Visa Latvala
J180551	School Mathematics	4,00	Pass	30.04.2010	Heli Silvennoinen
J180402	Applied Analysis	8,00	5/5	28.04.2010	Timo Erkama
J180501	Analysis IV	8,00	4/5	21.04.2010	Rauno Aulaskari
J180654	Dynamical Systems	4,00	5/5	16.04.2010	Timo Erkama
J180721	Mathematical Computing in Schools	4,00	Pass	25.03.2010	Heli Silvennoinen
J701514a	Academic Written Skills in Swedish for Students of Mathematics and Physics	2,00	4/5	12.03.2010	Elna Hänninen
J701514b	Academic Oral Skills in Swedish for Students og Mathematics and Physics	1,00	4/5	12.03.2010	Elna Hänninen
J180305	Elementary Topology	4,00	5/5	11.03.2010	Jouni Rättyä
J312201	Pedagogical Ethics	3,00	5/5	05.03.2010	Risto Ikonen
J701600	Introduction to Academic Study Skills (English)	1,00	Pass	23.02.2010	Meri Jäppinen
J190301	Quantum and Atomic Physics	6,00	5/5	21.12.2009	Pasi Vahimaa
J190207	Advanced Mechanics	5,00	5/5	17.12.2009	Arto Passoja
J700235	Communications in Mathematics	3,00	Pass	16.12.2009	Heli Silvennoinen
J180604	Complex Analysis Ib	4,00	3/5	16.12.2009	Jouni Rättyä
J190206	Optics	7,00	5/5	14.12.2009	Markku Kuittinen
J180203b	Differential Equations b	4,00	4/5	10.12.2009	Jukka Tuomela
J180603	Complex Analysis Ia	4,00	5/5	04.11.2009	Jouni Rättyä
J180203a	Differential Equations a	4,00	3/5	26.10.2009	Jukka Tuomela
J190404	Experimental physics for schools	5,00	5/5	27.05.2009	Ville Nivalainen
J190202	Electromagnetism	7,00	5/5	15.05.2009	Markku Saarelainen
J180511	Geometry	8,00	4/5	15.05.2009	Visa Latvala
J190103	Basic Laboratory Practice	5,00	Pass	11.05.2009	Arvo Vaittinen Hannu Laamanen
3314000	Basic studies in Physics	25,00*	5/5	11.05.2009	Pasi Vahimaa
J150335	Organic Spectroscopy	2,00	4/5	08.05.2009	Tuure-Pekka Jauhiainen
J180206	Probability Theory Ib	4,00	5/5	05.05.2009	Pekka Smolander
J150307	Physical Chemistry II	3,00	2/5	24.04.2009	Tapani Venäläinen
J180205	Probability Theory Ia	4,00	5/5	09.03.2009	Pekka Smolander
J150306	Physical Chemistry I	6,00	4/5	06.03.2009	Tapani Pakkanen
J190541	Basic laboratory practice for teachers	3,00	Pass	16.02.2009	Pekka Hirvonen
J180404	Discrete Mathematics	8,00	5/5	19.12.2008	Martti Pesonen
J180113	Analysis III	9,00	5/5	12.12.2008	Jaakko Hyvönen
J700334	Tutoring	3,00	Pass	11.12.2008	Visa Latvala
J180301	Algebra	8,00	5/5	08.12.2008	Heli Silvennoinen
J190204	Thermodynamics	5,00	4/5	25.11.2008	Pekka Hirvonen

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COURSES		CREDIT POINTS	GRADE	DATE	INSTRUCTOR
J180202	Linear Algebra	9,00	5/5	11.05.2008	Martti Pesonen
J180112	Analysis II	9,00	5/5	08.05.2008	Jaakko Hyvönen
J190104	Basic Electronics	4,00	5/5	29.04.2008	Raimo Silvennoinen
J150103	Basic Chemistry	5,00	5/5	14.04.2008	Tuure-Pekka Jauhiainen
J190121	Basic astronomy	5,00	4/5	10.04.2008	Tommi Itkonen
J700165	Study Planning	1,00	Pass	07.04.2008	Visa Latvala
J190106	Basic electricity	4,00	5/5	05.03.2008	Arto Passoja
J700431	Introduction to Mathematics	8,00	5/5	14.12.2007	Martti Pesonen
J190107	Basic mathematical methods in physics	5,00	5/5	12.12.2007	Heikki Hyvärinen
J180111	Analysis I	9,00	5/5	10.12.2007	Janne Heittokangas
J190101	Basic Physics	7,00	5/5	07.12.2007	Arto Passoja
J000012	Orientation in Academic Studies	2,00	Pass	30.10.2007	Visa Latvala

TOTAL 500,00

\* Will be counted in the TOTAL

\*\* Completed at another institution

Explanation of Transcript Grading Systems:

UEF		ECTS
5/5	Excellent	A
4/5	Very good	B
3/5	Good	C
2/5	Satisfactory	D
1/5	Sufficient	E
Pass	Course completed successfully	

Grading of thesis and dissertation:

UEF		ECTS
L	laudatur	A
ECL	eximia cum laude approbatur	A
MCL	magna cum laude approbatur	B
CL	cum laude approbatur	C
NSA	non sine laude approbatur	C
LA	lubenter approbatur	D
A	approbatur	E
or		
P	Pass	C
PD	Pass with Distinction	A
or		
K/E	Excellent	A
H	Good	C
T	Satisfactory	D

Approved courses in the Second Domestic Language (Swedish or Finnish) are graded with the scale satisfactory (T) - good (H). The numerical grading scale of the Second Domestic Language is the following: 1-3 = satisfactory (T), 4-5 = good (H).

The measure for the extent of studies shall be a credit point. One credit point equals one ECTS credit. The average input of 1600 working hours needed for studies of one academic year shall correspond to 60 credits.