Student	Tran Thanh Hai Nguyen	29.8.2024−31.7.2028	
Date of birth	24.1.1995	Studies continue	
Student number	2402546	Credits	**240 cr**
Programme	Degree Programme in Information and Communications Technology	Completed	**177 cr**
Competence track	Data Engineering and Artificial Intelligence		

Studies	Credits	Assessment		Date	Teacher
CORE COMPETENCE	**136 cr**				
Communication skills	**14 cr**				
English Professional Skills, B2	5 cr		H	10.9.2024	Poppy Skarli
Basic Academic Writing	3 cr		H	7.1.2025	Poppy Skarli
Research Communication	2 cr		H	28.11.2025	Poppy Skarli
Finnish 1	4 cr	*s1*	5	13.9.2024	Paula Steinby
Basic Skills of an ICT Professional	**15 cr**				
Foundational ICT and Study Skills	3 cr		H	26.12.2024	Noora Maritta Nieminen
Low-Code Software Development Basics	5 cr		4	30.12.2024	Noora Maritta Nieminen
Basics of Git	1 cr		H	12.11.2024	Annukka Kinnari
Introduction to Competence Tracks	3 cr		H	28.4.2025	Matti Kuikka
SUSTIS Sustainable development project	3 cr	*k1*	H	31.10.2025	Matti Kuikka
Essential Tools for an ICT Professional	**15 cr**				
Introduction to Programming	5 cr	*k2*	5	3.1.2025	Mauri Suhonen
Internet Networks and Security	5 cr		5	15.5.2025	Mika Koivunen
Databases	5 cr		4	27.5.2025	Laura Järvenpää
Engineering Mathematics	**15 cr**				
Engineering Precalculus	5 cr		5	8.10.2024	Hazem Al-Bermanei
Calculus	5 cr		5	18.12.2024	Hazem Al-Bermanei
Topics in Applied Mathematics	5 cr		5	29.4.2025	Tiina Tolmunen
Introduction to Engineering	**15 cr**				
Introduction to Electronics	5 cr		5	13.4.2025	Mauri Suhonen
Engineering Physics	5 cr		4	17.12.2024	Mikko Peltonen de Santiago
Measurements in Physics	5 cr		5	9.5.2025	Mikko Peltonen de Santiago
Project Skills and Entrepreneurship	**5 cr**				

5 = Excellent, 4 = Good, 3 = Good, 2 = Satisfactory, 1 = Satisfactory, 0 = Fail, H = Approved

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Student number   2402546

Statistics and Probability	5 cr		4	3.10.2025	Mikko Peltonen de Santiago
DATA ENGINEERING & AI	**27 cr**				
Data Engineering & AI Essentials	**10 cr**				
Basic skills for Data Management	5 cr		5	17.12.2025	Sanna Määttä
Data Structures and Algorithms with Python	5 cr	o1	H	30.9.2025	Virve Prami
Basic Processes for Data Engineering & AI	**5 cr**				
Introduction to Artificial Intelligence	5 cr		5	19.5.2025	Golnaz Sahebi
Advanced Processes for Data Engineering & AI	**10 cr**				
Cloud Services	5 cr		5	9.12.2025	Ali Khan
Deep Learning	5 cr		5	17.12.2025	Pertti Ranttila
R&D Project for Data Engineering & AI	**2 cr**				
Building AI	2 cr	s2	H	12.9.2025	Matti Kuikka
Practical training	**30 cr**				
Basic Practice	10 cr		H	13.11.2024	Tiina Ferm
Field-Specific Practice	10 cr		H	3.1.2025	Tiina Ferm
Professional Practice	10 cr		H	22.10.2025	Matti Kuikka
COMPLEMENTARY COMPETENCE	**41 cr**				
OPTIONAL STUDIES	**41 cr**				
Finnish 2	4 cr	s3	5	13.9.2024	Paula Steinby
Career planning - international students seeking a job in Finland	2 cr	s4	H	27.9.2024	Paula Steinby
Ethics in Intercultural Interaction	5 cr	s5	5	27.9.2024	Paula Steinby
Chinese 1	4 cr	s6	5	27.9.2024	Paula Steinby
Chinese 2	4 cr	s7	5	27.9.2024	Paula Steinby
Workplace health promotion and ergonomics	4 cr	s8	H	27.9.2024	Paula Steinby
Information skills and sources in Humanities for International Students	1 cr	s9	5	27.9.2024	Paula Steinby
Digital Tools in English Studies	5 cr	s10	4	7.10.2024	Paula Steinby
Intercultural Communication Competence	5 cr	s11	4	7.10.2024	Paula Steinby
Text Corpora	2 cr	s12	H	29.5.2025	Jaakko Lamminpää
University Computing Skills	2 cr	s13	H	29.5.2025	Jaakko Lamminpää
University Study Skills	1 cr	s14	H	29.5.2025	Jaakko Lamminpää
Language Cafe, participant - Chinese language	1 cr	s15	H	29.5.2025	Jaakko Lamminpää
Orientation for International Students	1 cr	s16	H	29.5.2025	Jaakko Lamminpää

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Student　　　　　　　　　Tran Thanh Hai Nguyen
Student number　　　　　2402546

Compensated studies

k1 =　Bachelor's Degree Programme in, 1.6.2018, Ho Chi MInh City University of Education

k2 =　Introduction to Programming, 20.12.2024, University of Helsinki

Inclusions

s1 =　Finnish 1, 11.12.2020, University of Eastern Finland

s2 =　Building AI, 28.8.2025, University of Helsinki

s3 =　Finnish 2, 11.12.2020, University of Eastern Finland

s4 =　Career planning - international students seeking a job in Finland, 11.12.2020, University of Eastern Finland

s5 =　Ethics in Intercultural Interaction, 11.12.2020, University of Eastern Finland

s6 =　Chinese 1, 11.12.2020, University of Eastern Finland

s7 =　Chinese 2, 11.12.2020, University of Eastern Finland

s8 =　Workplace health promotion and ergonomics, 11.12.2020, University of Eastern Finland

s9 =　Information skills and sources in Humanities for International Students, 11.12.2020, University of Eastern Finland

s10 = Digital Tools in English Studies, 17.6.2020, University of Eastern Finland

s11 = Intercultural Communication Competence, 15.5.2020, University of Eastern Finland

s12 = Text Corpora, 11.12.2020, University of Eastern Finland

s13 = University Computing Skills, 11.12.2020, University of Eastern Finland

s14 = University Study Skills, 11.12.2020, University of Eastern Finland

s15 = Language Cafe, participant - Chinese language, 11.12.2020, University of Eastern Finland

s16 = Orientation for International Students, 11.12.2020, University of Eastern Finland

Cross-Institutional Studies

o1 =　Metropolia University of Applied Sciences

Student   Tran Thanh Hai Nguyen
Student number   2402546

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