

Student	Wanjia Liang	01.08.2021–31.12.2025
Personal identity code	080694-376C	Graduated 31.12.2025
Student number	2106850	Credits 240 cr
Programme	Bachelor of Engineering, Business Intelligence Technologies	Completed 251 cr

Studies	Credits	Assessment	Date
BASIC STUDIES	78 cr		
Orientation to studies	6 cr		
Conducting research and reporting	3 cr	3	22.05.2024
Orientation to Studies	3 cr	S	11.05.2022
Mathematics	18 cr		
Algebra	3 cr	5	12.11.2022
Geometry	3 cr	4	20.12.2022
Functions	3 cr	5	24.03.2022
Differential Calculus	3 cr	5	04.11.2022
Integral Calculus	3 cr	5	04.05.2022
Statistics	3 cr	5	13.12.2022
Sciences	18 cr		
Chemistry	3 cr	5	26.04.2022
Mechanics	4 cr	2	11.04.2023
Thermophysics	2 cr	4	09.06.2022
Electromagnetism	3 cr	4	05.02.2025
Laboratory Practices in Physics	3 cr	3	13.12.2022
Fundamentals of electronics	3 cr	5	28.12.2023
Language skills	15 cr		
Communication Skills (English Course)	3 cr	5	23.05.2022
English for Working Life	3 cr	4	09.12.2022
Professionally Speaking	3 cr	5	12.05.2022
International students	6 cr		
Basics of Finnish 1	3 cr	5	04.05.2022
Basics of Finnish 2	3 cr	4	14.11.2025
Other basic studies	21 cr		
Leadership and Organizational Development	4 cr	3	14.11.2022
ICT Entrepreneurship	3 cr	5	20.11.2025
Digital and Technological Skills	2 cr	s1	S 16.02.2022
ICT project management	3 cr	2	09.05.2025
Programming	6 cr	5	16.05.2023
Information Systems	3 cr	4	24.06.2022
PROFESSIONAL STUDIES	111 cr		
Basic business studies	26 cr		
Management and Digital Marketing	3 cr	4	13.12.2025
Intercultural Competence	3 cr	4	15.05.2023
Global Business Competences	5 cr	s1	4 16.02.2022
Teams and Networks	3 cr	4	06.05.2022
Financial Accounting	4 cr	5	12.04.2022
Enterprise Resource Planning System and Leadership	5 cr	5	18.12.2025
Marketing, Sales and Customer Service	3 cr	3	05.12.2023

5 = Excellent, 4 = Good, 3 = Good, 2 = Satisfactory, 1 = Satisfactory, 0 = Failed, S = Passed

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Basic information technology studies	27 cr		
Introduction to computer science	2 cr	5	17.12.2025
Data Structures and Algorithms in Python	5 cr	s2	4
Python programming	3 cr		18.05.2022
Relational databases & SQL	5 cr		11.02.2023
Data-driven programming	3 cr		12.05.2025
Data science	5 cr		28.11.2022
Introduction to DevOps	4 cr	r1	4
Software engineering	32 cr		
Object-Oriented programming and modelling	5 cr		03.03.2025
C - Programming	3 cr	s3	S
Modelling Techniques	3 cr		20.03.2023
Mobile software development	6 cr		12.05.2025
Scripting and functional programming	3 cr		15.03.2024
Software engineering	4 cr		23.12.2024
Software testing	3 cr		09.10.2024
Basics of web development	5 cr		14.12.2025
Business intelligence technologies	26 cr		
Advanced Business Intelligence - SAP Analytics Cloud	4 cr		17.01.2023
Customer Relationship Management (CRM)	5 cr		09.05.2023
Introduction to Artificial Intelligence and Big Data for Business	3 cr	s4	5
Cloud foundations and operations	5 cr		16.12.2024
Web Accessibility	4 cr	r2	4
Fundamentals of cloud services	5 cr		04.12.2023
OPTIONAL STUDIES	17 cr		
Legal Environment	3 cr	s1	3
Study Essentials	3 cr	s1	S
Erasmus+StartIT Berlin	3 cr		05.04.2023
Business Mathematics	3 cr	s1	4
Work-life skills and personal career growth	5 cr		13.05.2022
WORK PLACEMENT	30 cr		
Practical Training	10 cr		24.05.2023
Practical Training	10 cr		04.05.2023
Practical Training	10 cr		20.02.2023
THESIS	15 cr		
Bachelor's Thesis, Planning	5 cr		29.08.2025
Bachelor's Thesis, Implementation	5 cr		06.10.2025
Bachelor's Thesis, Reporting and Finalizing	5 cr		16.12.2025

Thesis: CONCEPTUAL DESIGN AND PERCEIVED USABILITY EVALUATION OF QUICKORDER: A Multimodal B2B Food Ordering System for Small- and Medium-Sized Restaurants

Assessment: 3

Assessment date: 15.12.2025

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Inclusions

s1 = 31.12.2021, HAMK University of Applied Sciences
s2 = 24.10.2023, VAMK University of Applied Sciences
s3 = 23.3.2023, Metropolia University of Applied Sciences
s4 = 21.7.2023, VAMK University of Applied Sciences

Cross-Institutional Studies

r1 = 30.7.2024, HAMK University of Applied Sciences
r2 = 31.7.2025, HAMK University of Applied Sciences

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Electronic signature

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