08.01.2018 - 31.07.2022Student Ulla Pauliina Kulmala Personal identity code 010978-050M Studies continue Student number 1800304 Required Credits 210 cr Programme Degree Programme in Business Information Completed 134 cr with average 4,34 Technology Credits Education rating 631107 BBA, information technology Blended learning, Bachelor-level / first cycle Type of education degree of higher education

Studies	Credits	Grade	
BASIC STUDIES	47 cr		
Communication Studies	17 cr		
Study and Working Skills	5 cr		
Study and Working Skills 1	3 cr	Н	06.03.2018
Study and Working Skills 2	2 cr	Н	03.04.2019
Finnish and Swedish	2 cr		
Finnish and Swedish - Finnish	2 cr	<i>k1</i> 4	15.05.2018
ICT and Business English	5 cr	5	11.03.2019
Communication in	5 cr	5	04.04.2018
Multicultural Environments			
Sales and Service Skills	10 cr		
Basic ICT Tools in sales and	5 cr	5	17.03.2018
services	~	4	20.05.2010
Selling ICT Solutions	5 cr	4	29.05.2019
Business Skills	15 cr	4	12 12 2010
Business Mathematics	5 cr	4	13.12.2018
Business Operations	5 cr	4	24.10.2018
ICT Contracts	5 cr	5	02.01.2019
Project Skills	5 cr	_	
Project Management	5 cr	5	09.09.2019
PROFILE STUDIES	63 cr		
Digital Services	25 cr		
Orientation to Digital Services	5 cr	4	07.04.2018
User Experience	5 cr	5	28.03.2018
Prototyping of Digital Services	5 cr	5	06.01.2019
Digital Business	5 cr	5	16.04.2019
Digital Technology	5 cr	5	12.10.2018
Software Engineering	23 cr		
Orientation to Software Engineering	5 cr	4	15.05.2018
Programming	5 cr	5	09.12.2018
Databases and Data	5 cr	4	07.12.2018
Management			
Server Programming	5 cr	4	17.04.2019
PHP Programming	3 cr	1	13.05.2019
ICT Infrastructures	5 cr		
Orientation to ICT	5 cr	2	01.06.2018
Infrastructures			
Business and ICT	10 cr		

Student Personal identity code Student number	Ulla Pauliina Kulmala e 010978-050M 1800304				
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Orientation to ICT	Business and	5 cr		5	05.06.2018
Business Intell	igence	5 cr		4	01.11.2019
THESIS		10 cr			
Seminar 1				Н	16.09.2019
Thesis Phase 1		5 cr		Н	12.11.2019
Thesis Phase 2		5 cr		Н	19.11.2019
FREE CHOICE ST	UDIES	6 cr			
Basics of image pr	rosessing	3 cr	s1	Н	10.08.2018
English Level Tes	t			Н	05.03.2018
Swedish Level Te	st			Н	15.01.2018
Intermediate Swed	lish	3 cr		Н	16.03.2018
		8 cr			
Responsive Web A with Bootstrap &	• •	8 cr	<i>s</i> 2	Н	22.11.2019

Compensated studies

k1 = University studies, 19.11.2009, Jyväskylän yliopisto

Inclusions

- $s1 = \;\; Basics \; of \; image \; prosessing \; , \; 10.8.2018, \; South-Eastern \; Finland \; University \; of \; Applied \; Sciences \;$
- s2 = Responsive Web Applications with Bootstrap & CSS, 12.11.2019, Metropolia University of Applied Sciences

Student Ulla Pauliina Kulmala

Personal identity code 010978-050M Student number 1800304

Electronic signature

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