

COOPERATIVE BACHELOR DEGREE PROGRAMME IN

BUSINESS SOFTWARE DEVELOPMENT

PROGRAMME MODULES

LE = Lecture

ICU = Integrated Course Unit

SE = Seminar

PR = Project

T = Training

I = Internship

Full-time:

1. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Mathematics for Informatics 1	ICU	4,0	4,00
Principles of Informatics	LE	3,0	2,00
Principles of Operating Systems	ICU	3,0	3,00
Programming	ICU	6,0	4,00
Network Technologies	ICU	4,0	3,00
Relational Databases	ICU	5,0	3,00
Principles of Economics	LE	3,0	2,00
Communications in Engineering	ICU	2,0	2,00
Total		30,0	23,00

2. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Mathematics for Informatics 2	ICU	5,0	4,00
Object-oriented Programming	ICU	6,0	4,00
Database Design	ICU	4,0	3,00
Configuration Management	ICU	3,0	2,00
Data Structures and Algorithms	ICU	3,0	3,00
Web Technologies & Usability	ICU	4,0	3,00
Human Resource Management and Employment Law	LE	3,0	2,00
Professional English	ICU	2,0	2,00
Total		30,0	23,00

Cooperative:

3. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Statistics and Data Mining	ICU	5,0	3,00
Project Management	ICU	2,0	2,00
Management Accounting	ICU	3,0	2,00
Process Management 1	ICU	2,0	2,00
Digital Business Models 1	ICU	3,0	2,00
Presentation Techniques	SE	2,0	1,00
Self-Organisation and Time Management	ICU	1,0	1,00
Business English	ICU	2,0	2,00
Network Technologies Advanced	ICU	5,0	3,00
Company Work Placement 1	I	5,0	2,00
Total		30,0	20,00

4. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Robotics	ICU	5,0	2,00
Requirements Engineering	ICU	2,0	2,00
Markup Languages	ICU	3,0	2,00
Digital Business Models 2	ICU	3,0	2,00
Information Systems	ICU	2,0	2,00
Marketing	LE	2,0	2,00
Process Management 2	ICU	3,0	2,00
Working Scientifically and Formulating Hypotheses	ICU	3,0	2,00
Scientific English	ICU	2,0	2,00
Company Work Placement 2	I	5,0	2,00
Total		30,0	20,00

5. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Identity Management	LE	3,0	2,00
Cryptography	ICU	3,0	2,00
Web Development	ICU	4,0	2,00
Service Management	ICU	3,0	2,00
Quality Management	LE	2,0	2,00
Bachelor's Thesis	PR	10,0	2,00
Company Work Placement 3	I	5,0	2,00
Total		30,0	14,00

6. Semester			
<i>Course unit</i>	<i>Mode of delivery</i>	<i>ECTS credits</i>	<i>Contact hours per week</i>
Principles of Mobile Computing	ICU	2,0	2,00
Service-based Systems	ICU	3,0	2,00
Case Studies in Business Informatics	ICU	2,0	2,00
IT Service Management	ICU	3,0	2,00
Cloud Computing	ICU	2,0	2,00
Security of Web Applications	ICU	3,0	2,00
Supply Chain Management	ICU	2,0	2,00
Business Law and IT Law	LE	3,0	2,00
Presentations	ICU	3,0	1,00
Bachelor's Thesis	-	2,0	0,00
Company Work Placement 4	I	5,0	2,00
Total		30,0	19,00