

Master study programme: **INFORMATICS**

S E M E S T E R	Compulsory module FSE	Compulsory module FSE	Compulsory module FSE				E C T S
	Information Engineering 1	Projecting of IS 2	Network and Internet Technologies 3				
4	Grammars and Languages KII → 2/1 ex →4	System Integration KII → 2/1 ex →4	Internet Technologies - Server Side KIT→ 2/1 ex→ 4	Legal Aspects of IT KPr→ 2/1 ex→ 4	Compulsory optional subjects 3 → 4 → ex	Diploma Thesis and Final State Exam pass+FSE→10	30
3	Business Intelligence KII → 2/1 ex →5	Formal Techniques of Data Modelling KII → 2/1 ex →5	Internet Technologies - Client Side KIT→ 2/1 ex→ 5	Data Mining KS → 2/1 ex → 5	Compulsory optional subjects 2 → 5 → ex	Diploma Thesis and Diploma Practical →pass→5	30
2	Artificial Intelligence KII → 2/1 ex→5	Process Modelling (BPMN) KII→ 2/1 ex → 5	IS Security KIT→ 2/1 ex →5	IT Economy KE→2/2 ex →5	Compulsory optional subjects 1 → 5 → ex	Diploma Thesis →pass→5	30
1	Theoretical Informatics KII→2/1 ex→ 5	Projecting of IS (UML) KII→ 2/1 ex→ 5	Computer Networks KIT→2/1 ex → 5	Organizational Behavior KŘ →2/1 ex → 5	Statistical Data Analysis KS → 2/1 ex→5	IT projects Management KSI → 1/2 zk →5	30

Compulsory optional subjects – group 1:

IT for e-business	2/1 ex	KIT
Seminar of Computational Statistic	2/1 ex	KS
Business Information Systems	2/1 ex	KIT
Human Resource Management	2/1 ex	KŘ
Geographical Information Systems	2/1 ex	KII

Compulsory optional subjects - group 2:

General and International Economics	2/1 ex	KET
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Logistic Systems	2/1 ex	KSI
Reporting	2/1 ex	KOF
Online Marketing	1/2 ex	KŘ
Internet of Things - IoT	2/1 ex	KIT

Compulsory optional subjects – group 3:

Big Data	2/1 ex	KIT
Implementation of Computer Vision and Artificial Intelligence Solutions in Java	2/1 ex	KII
Psychology of Entrepreneurship	2/1 ex	KPs
Business Models	2/1 ex	KŘ
Decision Support Systems	2/1 ex	KSI