

Course	INFORMATION SYSTEMS DEVELOPMENT		
Language of Instruction:	English	Level	I.
		ECTS	8
Required Prerequisites:	None	Number of hours	15
Holder	Bojan PEČEK, MSc.	Semester	Autumn and spring
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Methods of teaching:	<i>lectures and seminars</i>		
Form of Assessment:	<i>seminar work and an oral exam</i>		

1. Course aim

The course aim is to enable the students to select and use the adequate method for the development of information systems in practice.

2. Course contents

1. Role of information systems in modern organisations
2. Key problems in development of information systems
3. Methodologies of information systems analysis and design
4. IS modelling on logical level
5. Data modelling
6. Entity-relationship data model (ER model)
7. Development of ER model
8. Process modelling
9. Development of process model
10. Object-oriented analysis and design
11. IS implementation and maintenance
12. Organisational and human-resources views of IS development

3. Student obligations

Preparation and presentation of a seminar paper, active participation in the course and oral exam.