

Title Modelling and analysis of information systems	Code 1010332421010330686
Field Computer Science	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 5
	Language polish

Lecturer:

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Faculty:

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Status of the course in the study program:

Obligatory

Assumptions and objectives of the course:

This course aims to give an understanding of basic concepts of systems modelling and analysis

Contents of the course (course description):

- 1.Information system
- 2.Architecture of information system
- 3.GUI
- 4.Petri nets - modeling and analysis of information systems
- 5.Software design and implementation
- 6.Software testing, installing and updating
- 7.Management of IT projects
- 8.Scheduling and monitoring of software design and implementation
- 9.Issues on quality and risks management in IT projects
- 10.Analysis of methods on development of complex IT systems

Introductory courses and the required pre-knowledge:

Foundations of software engineering and modelling and analysis of information systems (lecture sem.1)

Courses form and teaching methods:

Lecture with multimedia presentation
Laboratory

Form and terms of complete the course - requirements and assessment methods:

Lecture: written exam
Laboratory: implementation of projects and reports

Basic Bibliography:

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Additional Bibliography:

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