

Title Modeling and analysis of information systems	Code 1010332411010330679
Field Computer Science	Year / Semester 1 / 1
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 4
	Language polish

Lecturer:

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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):

Overview of models of the software development cycle. Specification of requirements. UML standard. Important concepts applied in the UML - interface, stereotype, derived element, package, subsystem. Methods of modeling, behavior modeling, system architecture modelling. Methods of systems analyzing.

Introductory courses and the required pre-knowledge:

Foundations of software engineering

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: evaluation of projects and reports

Basic Bibliography:

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Additional Bibliography:

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