Level: bachelor

Course title: Privacy, ethics and social responsibility (code: I379)

Status: elective

ECTS: 7,5

Requirements: None

Learning objectives

Enabling students to understand and critically analyze factors influencing a balance between job efficiency, obeying the laws, and professional practice in the field of information-communication technologies and information systems.

Learning outcomes

Minimal: Students should be competent in acknowledging the concepts of privacy and data protection, intellectual property, security and professionalism.

Optimal: Students should be competent in acknowledging and assessing the current, as well as future privacy and data security threats. Students should also be acquainted to the practice of social and professional responsibility of computer scientists to their employers and clients, and be able to analyze it. Moreover, students should be capable of detecting conflicts concerning the data access, piracy and intellectual property.

Syllabus

Theoretical instruction

Introductory notions and definitions. Privacy. Trust and reliability. Information security and surveillance. Intellectual property and informatics espionage. Analysis of social, cultural and ethnographic influence on computers and vice versa. The impact of globalization. Information-related risk management.

Practical instruction

Examples of software risks and software crime. Software piracy, the danger of viruses and hackers. Professionalism and code of behaviour. Electronic etiquette. Examples of monopoly in informatics and issues regarding it. Determining the price of software.

Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	