**Study programmes**: Bachelor studies - Informatics

**Course name**: O46 - Computer Science and Society

**Lecturers**: Dušan Tošić and other teachers of the Department of Computer Science

**Status**: Optional

**ECTS**: 3

**Attendance prerequisites**: No preconditions

**Course aims**: Stimulating students to perceive the role of computing in contemporary society. Getting to know the ethical issues that arise in the application of computer. Development of critical thinking among students in the application of computers.

**Course outcome**: After completing the course, students should be familiar with the basic ethical dilemmas that occur in computing. They have to learn to critically accept information obtained on the Internet and to have a formed opinion on all areas of computer application.

**Course content**: A brief overview of the development of computers with a review of the biographies of some important scientists. Social context of computing. Analysis methods and tools. Professional and ethical responsibility. Risks and obligations of computer systems. Intellectual property. Privacy and civil liberties. Computer crime. Economic issues. Philosophical framework of computing. The Internet and its importance to society.

**Literature**:

1. D. Dž. Džonson: Kompjuterska etika, Službeni glasnik, 3. izdnje, 2006.
2.Michael J. Quinn: Ethics for the Information Age (5th Edition), Addison-Wesley, 2012.
3. Anne Burdick, Johanna Drucker, Peter Lunenfeld and Todd Presne: Digital_Humanities, The MIT Press, 2012.

| **Number of hours: 2** | **Lectures: 2** | **Tutorials: -** | **Laboratory: -** | **Research: -** |
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**Teaching and learning methods**: Frontal, interactive, individual, exercises, lectures.

**Assessment (maximal 100 points)**

| Course assignments | points | Final exam | points |
|---|---|---|---|
| Lectures | 10 | Written exam | - |
| Exercises / Tutorials | 10 | Oral exam | 50 |
| Colloquia | 20 | Written-oral exam | - |
| Essay / Project | 10 | | |