

A selected list of elective doctoral courses that include topics from computer and information science. Courses are offered at UL and elsewhere:

- [Machine Vision](#), UL FE, doc. dr. Janez Perš, izr. prof. Matej Kristan
- [Methodology and Evaluation in Knowledge Technologies](#), IJS MPŠ, prof. dr. Marko Robnik Šikonja
- [Computational Biology](#), UL BF, prof. Miha Mraz, doc. Miha Moškon, prof. Aleš Belič
- [Introduction to Data Science](#), UL BF, prof. dr. Blaž Zupan
- [Bioinformatics Algorithms](#), individual research course, UL BF, doc. dr. Tomaž Curk
- [Izbrana poglavja iz teorije podatkovnih struktur](#), UP FAMNIT, doc. dr. Andrej Brodnik
- [Programming Distributed Engineering Applications](#), UL FGG, Izr. prof. dr. Vlado Stankovski
  
- [Intelligent Buildings](#), UL FE, prof. dr. Grega Bizjak
- [Multimodal Interactive 3D Technologies](#), UL FE, prof. dr. Mihelj Matjaž
- [Advanced Control of Autonomous Systems](#), UL FE, izr. prof. dr. Gregor Klančar
- [Pattern Recognition](#), UL FE, izr. prof. Simon Dobrišek
- [Advanced Intelligent Control Systems](#), UL FE, prof. dr. Igor Škrjanc
- [Systems for Processing Large Amounts of Data](#), UL FE, prof. dr. Andrej Kos
- [Interactivity and User Experience in Multimedia Systems](#), UL FE, izr. prof. dr. Matevž Pogačnik
- [Human – Machine Interaction](#), UL FE, izr. prof. Jaka Sodnik
- [Ambient Intelligence in Multimedia Environments](#), UL FE, prof. dr. Matej Zajc
- [Imaging Technologies](#), UL FE, prof. dr. Boštjan Likar
- [Measurement and Processing of Biomedical Signals](#), UL FE, prof. dr. Tomaž Jarm, izr. prof. dr. Alenka Maček-Lebar
- [Medical Image Analysis](#), UL FE, prof. dr. Franjo Pernuš
- [Geoinformatics in Science and Ontology of Real Properties](#), UL FGG, izr. prof. dr. Anka Lisec
- [Mathematical Models in Traffic Engineering](#), UL FGG, izr. prof. dr. Marijan Žura
- [Computational Engineering Methods](#), UL FGG, prof. dr. Jože Korelc
- [Knowledge Based Engineering](#), UL FGG, prof. dr. Žiga Turk
- [Numerical Methods in Structural Mechanics](#), UL FGG, prof. dr. Dejan Zupan
- [Remote Sensing Image Processing](#), UL FGG, izr. prof. dr. Krištof Oštir
- [Neural Networks](#), UL FS, prof. dr. Edvard Govekar, doc. dr. Primož Potočnik
- [Optimization Methods](#), UL FS, prof. dr. Janez Žerovnik