Level: bachelor				
Course title: Electromagnetic radiation				
Status: obligatory				
ECTS: 6				
Requirements: none				
Learning objectives				
Learning outcomes				
Syllabus *Theoretical instruction* Generation of electromagnetic radiation and its quantum nature. Spectra and Fourier optics. Propagation of radiation in matter and interaction with matter. Detectors of electromagnetic radiation. Biological effects of non-ionizing radiation. Space distribution of optical information.				
Weekly teaching load				Other:
Lectures: 3	Exercises: 1+1	Other forms of teaching:	Student research:	