

3 semesters studies – starting from summer semester

COURSES	Sem. 1					Sem. 2					Sem. 3				
	Hours/week			Exam	ECTS	Hours/week			Exam	ECTS	Hours/week			Exam	ECTS
	L	C	La			L	C	La			L	C	La		
Optical Information Processing	2	1	3	E	7										
Numerical Methods in Optical Techniques						2		1		3					
Solid State Optics	2		1	E	3										
Laser Technique						2		3		5					
Optical Waveguides and Fibers	2				3										
Semiconductor Optoelectronics	2		1		3										
Contemporary Optics Seminar		2			2										
Elective Subjects ²⁾	4				4	4				4	3				3
Social and Humanistic Subjects						2				2	2				3
Fiber Optic Photonics						2			E	3					
Optical Microsystems	2	1(P)	1		4										
Presentation Techniques in Science		2			2										
Liquid Crystals Photonics						2				2					
Quantum Photonics						2	1		E	4					
Nonlinear Optics	1		1		2										
Diploma Laboratory								4		5					
Diploma Seminar							2			2		2			2
Photovoltaics											2				2
Master Thesis												12	E		20
Total	15	6	7	2	30	16	3	8	2	30	7	2	12	1	30

After semester 1 – obligatory professional training – 2 weeks, 3 ECTS over limit.

2) to be selected from: Optics of Anisotropic Media, Fiber-Optic Communication Systems, Photonic Integrated Circuits, Design of Optical Systems, Optical Full-Field Measurements.