



Optical Metrology	Optical Material and Systems	Computational Optics	Optical Material Processing	Optics in Communication	Optics in Medicine	Physics of Light
<b>Lectures</b>						
Fröba: Light Scattering , 5 CP	Zhuromskyy: Optical Material and System: 5 CP	Pflaum: Computational Optics, 5 CP.	Hausotte: Optical Manufacturing Metrology, 5 CP	Schmauß: Non-linear fibre optics, 5 CP	Klämpfle / Schmidt: Laser Tissue Interaction, 5 CP	Joly: Non-linear optics, 5 CP
Hausotte: Optical Manufacturing Metrology, 5 CP	Joly: Advanced laser, 5 CP	Joly: C++ for Optical Problems, 5 ECTS	Joly: Advanced laser, 5 CP	Joly: Non-linear optics, 5 CP	Vollmer: Biosensing, 5 CP	Joly: Advanced laser, 5 CP
Vollmer: Biosensing, 5 CP	Joly: Non-linear optics, 5 CP	Maier: Interventional Medical Image Processing, 5 CP	Klämpfle / Schmidt: Laser Tissue Interaction, 5 CP	Leusch: Quantum Optics, 5 CP	Hornegger: Intervent. Medical Image Processing, 5CP	Leuchs: Quantum Optics, 5 CP
Zhuromsky: Spectroscopic ellipsometry, 5 CP	Zhuromsky: Spectroscopic ellipsometry, 5 CP	Köstler: Image processing, 5 CP <sup>2</sup>	Alexeev: Engineering of Solid State Lasers, 2.5 CP	Bülow: Signal processing in optical communication systems, 2.5 CP	Eichhorn: Clinical applications of OT/ Fund. anatomy 5CP	Chekhova et al: Experimental techniques in quantum optics, 5 CP
	Pflaum: Solar Energy, 5 CP	Hornegger: Pattern Analysis, 5 CP	Hoffmann: Lasersystemtechnik 2, 2.5 CP	Chekhova et al: Experimental techniques in quantum optics, 5 CP		Leuchs: Quantum Computing, 5 CP
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<b>Practical courses</b>						
	Perez: Lab course "Optical Materials and Systems", 2.5 CP	Horneber: Optical Design with Zemax, 2.5 CP	Tenner: Lab course "Optical Material Processing", 2.5 CP		Rohde/Stelzle: Lab course "Surgery and Biooptics", 2.5 CP	