	CP ->	3	6	9	12	15	18	21	24	27	30	Summe
Semester ->	4	Thesis										
	CP	30										30
	3	Specialization phy683 Advanced Topics in Laser and Optics Mo 14 - 16 Di 14 - 16 5.04.4082 Spectroscopy at the Nanoscale 2.01.369-B Selected topics in nanomechanics and the mechanical characterization of nanomaterials using microscopy		Seminar Advanced Topics in EP phy640 Fr 10 - 12 5.04.656 Advanced Topics in EP	Engineering Sciences ph638 Laser Material Processing Wed 8 - 10 plus Project (EMD) 05.04.4669 Laser Material Processing Project		Advanced Research Project (Preparation Master Thesis) phy691 Blockveranstaltung					
	CP	6		3	6		15					30
	2	Advanced Physics phy617 Fourier Methods Mo 10 - 12 & Thu 13 - 16 Tue 8-10 5.04.4662 Ultrashort Laser Pulses 5.04.4676 Fourier Methods		Specialization phy965 or phy637 Engineering Scientific Instrumentation or Laser Design and Beam Guiding Mo 12 - 16 5.04.4677 Engineering Scientific Instrumentation or 5.04.4664 Laser Design and Beam Guiding		Specialization phy634 Biophotonics and Spectroscopy Tue 14 - 16 Tue 12 - 14 5.04.4667 - Biophotonics and Spectroscopy 5.04.6610 - Modern Methods in Optical Microscopy		Specialization phy966 Intense Light Physics Thu 13 - 16 5.04.4663 Physics with Intense Laser Pulses		Tools and Skills in Engineering Sciences phy681 We 09 -13 5.04.4671 Tools in Advanced Photonics		
	CP	6		6		6		6		6		30
	1	Advanced Physics phy633 Optics Wed 14 - 18 (EMD) Thu 14 - 16 (OL) 5.04.6570 Fundamentals of Optics		Advanced Metrology phy631 Di 16 - 18 Fr 14 - 16 5.04.4660 Advanced Metrology		Theoretical Methods phy611 Mi 14-16 + Project 5.04.4675 Optical Simulation and Modelling (ZEMAX)		Engineering Sciences phy632 Spectrophysics Tu 10 - 12 Tu 12 - 14 5.04.4661 Spectrophysics 5.04.6611 Advanced Optical Spectroscopy		Engineering Sciences phy600 Photonics Mo 8 -12 (1. Half of the semester: OI = Si), Mo 10 - 13:15 (2. half of the sem: EMD = Te) 5.04.4668 Photonics		
	CP	6		6		6		6		6		30