This is a possible study plan for the specialisation Laser & Optics. The plan is a suggestion and is not binding.
Please adapt it accordingly and comply with the examination regulations

	CP ->	3	6	9	12	15	18	21	24	27	30	Summe
Semester ->	4	Thesis										
	CP	30										30
	3	Specialization phy637 or phy965 Laser Design and Beam Guiding Mo 12 - 16 5.04.4664 Laser Design and Beam Guiding (every 2nd year in exchange with 5.04.4677)		Engineering Sciences ph682 Advanced Engineering Topics in Laser and Optics Di 10 - 12 & Project 05.04.4771 Optoelectronics		Advanced Research Project (Preparation Master Thesis) phy691 Blockveranstaltung					Seminar Advanced Topics in EP phy640 Fr 10 - 12 5.04.656 Advanced Topics in EP 13 sessions spread over all semester plus talk	
	CP	6		6		15					3	30
	2	Advanced Physics phy633 Optics Wed 14 - 18 (EMD) Thu 14 - 16 (OL) 5.04.6570 Fundamentals of Optics		Advanced Metrology phy631 Mo 14 - 16 Fr 14 - 16 5.04.4660 Advanced Metrology		Theoretical Methods phy611 Block 5.04.4521 Computerorientierte Physik OR Summer semester online Mo o. Fr 18 - 20? 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 Th 10 (s.t.) - 13.15 (EMD) 5.04.4668 Photonics		note phy640 Fr 10-12 5.04.656 Advanced Topics in EP 13 sessions spread over all semester
	CP	6		6		6		6		6		30
	1 Summer Term	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 Mo 12 - 16 5.04.4677 Engineering Scientific Instrumentation (every 2nd year in exchange with 5.04.4664)		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		note phy640 Fr 10-12 5.04.656 Advanced Topics in EP 13 sessions spread over all semester
	CP	6		6		6		6		6		30