

Photonics and Laser Technology
Optische Technologien - Englischer Pfad - Master Modulplan

Version: 17.05.2017

	1st Semester	2nd Semester	3rd Semester	4th Semester
1	Photonics (5 ECTS) Klausur	Design and Simulation of optomechatronic Systems (5 ECTS) Klausur/Oral Exam		
2				
3				
4				
5				
6	Optical Measurement Technology (5 ECTS) Klausur	Laser Spectroscopy in Life Sciences (5 LP) Klausur	Internship* (15 ECTS)	
7				
8				
9				
10				
11	Optional Modules (20 LP) Klausur/Oral Exam	Optional Modules (15 ECTS) Klausur/Oral Exam	Student Project (10 ECTS)	Master Thesis (30 ECTS) 29 ECTS Master Thesis + 1 ECTS Oral Presentation
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25	Master Lab Tutorial (5 ECTS)	Oral Presentation Student Project (1 LP)		
26				
27				
28				
29				
30		Studium Generale/Tutorials (4LP)		
31				
32				
33				
34				
ECTS	30	30	30	30

*If the internship has been completed in the Bachelor, it can be replaced by optional modules (15 LP)

Compulsory Modules (20 ECTS)	Optional Modules (35 ECTS)	Student Project, Master Lab Tutorial (15 ECTS)	Master Thesis (30 ECTS)
Soft Skills (20 LP)			