

Master Program Applied Photonics (APH) – SPO 32

3	Master Thesis					
2	Achievements of 2nd semester optional as “International semester”					
	Quantum Optics 5 CP	Physical Optics 5 CP	Educational Profile Area 1 (PBB1)		Educational Profile Area 2 (PBB2)	
1	Project / Soft Skills 5 CP	Interferometry 5 CP	Wahlpflichtfach aus dem Bereich Photonics 5 CP	Wahlpflichtfach aus dem Bereich Photonics 5 CP	Wahlpflichtfach aus dem Bereich Optical Design 5 CP	Wahlpflichtfach aus dem Bereich Optical Design 5 CP
	Project / Soft Skills 5 CP	Interferometry 5 CP	Photonics Communications Engineering 5 CP	Wahlpflichtfach 5 CP	Wahlpflichtfach 5 CP	Wahlpflichtfach 5 CP

Mandatory subjects

Variable topics

Name of subject in SPO31:

* Advanced Application Technology

** Fundamental Optics

Optional subjects:

- Non-linear Optics
- Photonics Detectors and Devices
- Applications of Photonic Detectors
- Advanced Image Processing
- Advanced Laser Technology
- **Current Topics in Photonics 1**
- Optical Systems Workshop**
- Selected subject of other Master Program of university

PBB1 – Photonics

- Advanced Optical Communications Technology*
- Optical Systems
- Laser Photonics
- Optics Technology
- **Current Topics in Photonics 2**

PBB2 – Optical Design

- Optical Systems
- Optical Design Strategies
- Advanced Optical Design
- Illumination