



Friedrich-Alexander-Universität
Erlangen-Nürnberg

Master

Advanced Optical Technologies



maot.studium.fau.de

PROGRAMME

Advanced Optical Technologies

PROGRAMME DURATION

4 semesters (Master of Science)

ADMISSION REQUIREMENTS

Bachelor's degree in physics or engineering

CAREER PROSPECTS

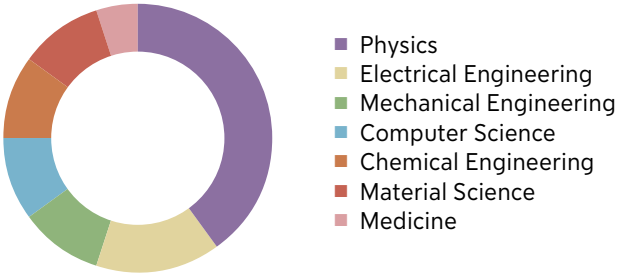
Optical industry, Lithography / Semiconductors, Healthcare Engineering, Automotive industry, Metrology, Production engineering, Software engineering, Communication services

INDIVIDUAL CURRICULUM

Students can choose two out of four areas of specialisation:

- Photonic Fibers, Materials and Devices
- Photonics in Production and Process Technology
- Biomedical Photonics and Data Processing
- Physics of Light

SUBJECTS IN MASTER STUDY



WHAT WE OFFER

- International programme conducted entirely in English, 20–30 students from over 10 countries
- In-depth training in the fundamentals and applications of state-of-the-art optical technologies
- Highly interdisciplinary approach, integrating expertise from physics, engineering, computer science and medicine
- Flexible and individually tailored curriculum

WHAT YOU CONTRIBUTE

- Strong interest in optics
- Interest in interdisciplinary collaboration
- Openness to leave familiar paths
- Interest in studying in an international environment