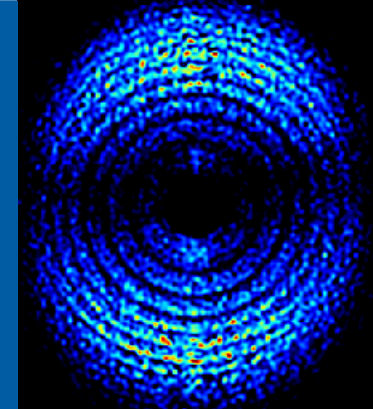




Lund university
P.O. Box 117
SE-221 00 Lund
Sweden

PHOTONICS

▶ ENGINEERING ▶ COMMUNICATION ▶ DIAGNOSTICS

Departement of Physics
P.O. Box 118
SE-221 00 Lund
Sweden

Visiting address:
Professorsgatan 1, Lund

Phone: Int +46 46 222 76 60
Fax: Int +46 46 222 42 50
E-mail: photonics@fysik.lth.se
www.photonics.fysik.lth.se





This education programme is coupled to world-leading research activities in optics, lasers and their applications, performed at the Lund Laser Centre (LLC). LLC is the largest unit in the Nordic countries within

The programme also offers possibilities to do a 30 ECTS diploma project. To choose a project, the students will benefit from contacts with the Lund Laser Centre and with local industrial partners (Ericsson, Anoto, and spin-off companies like Opsis, GasOptics, SpectraCure).

FALL TERM 1	FALL TERM 2	SPRING TERM 1	SPRING TERM 2
▶ ENGINEERING			
Optics & optical design 7,5 ECTS FAFF01	Lasers 7,5 ECTS FAFN01	Laser-matter interaction 7,5 ECTS FAFN05	Advanced optics & lasers 7,5 ECTS FAFN10
▶ COMMUNICATION			
Electromagnetic wave propagation 6 ECTS ETE071	Microwave theory 6 ECTS ETE091	Photonics & optical communication 7,5 ECTS FAF095	Antenna technology 6 ECTS ETE100 Radio 6 ECTS ETI030
▶ DIAGNOSTICS			
Atomic & molecular spectroscopy 7,5 ECTS FAF080	Multispectral imaging 6 ECTS FAF141	Laser-based combustion diagnostics 7,5 ECTS EBR024	Medical optics 7,5 ECTS FAF150

