

Study tracks

On this page you will find the recommended study tracks of the major Photonics and Nanotechnology. [See recommended study schedules here.](#)

Study tracks of the major Photonics and Nanotechnology

track Micro and Nanodevices

ELEC-E3210 Optoelectronics	5	III
ELEC-E3220 Semiconductor Devices	5	III
ELEC-E3230 Nanotechnology	5	IV
ELEC-E3240 Photonics	5	V
CHEM-E5115 Microfabrication	5	III-IV
ELEC-E3280 Micronova Laboratory Course	5	III-IV
ELEC-E3290 Micronova Special Assignment	5	I-II
ELEC-E3250 Optical fibers: Physics and applications L	5	II

track Photonics

ELEC-E3210 Optoelectronics	5	III
ELEC-E3240 Photonics	5	V
ELEC-E3250 Optical fibers: Physics and applications L	5	II
ELEC-E3280 Micronova Laboratory Course	5	I-II
ELEC-E3290 Micronova Special Assignment	5	I-II
ELEC-E4810 Metamaterials and Nanophotonics	5	I-II
ELEC-E5730 Optics	5	III
ELEC-E9250 Advanced Physics and Applications of Optical Fibers L V	5	III-IV
PHYS-E0435 Optical Physics	5	I-II
PHYS-E0436 Modern Optics V	5	IV-V
PHYS-E0437 Laser Physics	5	IV-V

track Advanced Materials

ELEC-E3210 Optoelectronics	5	III
ELEC-E3220 Semiconductor Devices	5	III
ELEC-E3230 Nanotechnology	5	IV
ELEC-E3280 Micronova Laboratory Course	5	I-II

ELEC-E3290 Micronova Special Assignment	5	I-II
ELEC-E4810 Metamaterials and Nanophotonics	5	I-II
CHEM-E5115 Microfabrication	5	III-IV
PHYS-C0220 Thermodynamics and Statistical Physics	5	IV
PHYS-E0421 Solid-State Physics	5	IV-V
PHYS-E0422 Soft Condensed Matter Physics	5	III-IV
track Quantum Technologies		
ELEC-E3230 Nanotechnology	5	IV
ELEC-E3240 Photonics	5	V
ELEC-E3250 Optical fibers: Physics and applications L	5	II
ELEC-E3280 Micronova Laboratory Course	5	I-II
ELEC-E3290 Micronova Special Assignment	5	I-II
PHYS-C0220 Thermodynamics and Statistical Physics	5	IV-V
PHYS-E0414 Advanced Quantum Mechanics	5	I-II
PHYS-E0416 Quantum Physics	5	III-IV
PHYS-E0421 Solid-State Physics	5	IV
PHYS-E0435 Optical Physics	5	I-II
PHYS-E0436 Modern Optics V (odd years)	5	IV-V
PHYS-E0437 Laser Physics (even years)	5	IV-V