

We've got
the solution.

The postgraduate courses offered by ISEL are based on a long tradition of collaboration with renowned companies and institutions on the job market; a constant scientific and pedagogical dynamism; a commitment to lifelong learning.

Our postgraduate courses provide, within 1 year, a professional development that will improve career prospects.



SCHOLARSHIPS

INNOVATIVE SYLLABUS

UNIQUE IN PORTUGAL

INTERACTION WITH
HIGH-TECH COMPANIES

GREATER EMPLOYABILITY

AND BETTER CAREER

OPPORTUNITIES



Postgraduate Course Optoelectronics and Photonics Engineering

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ISEL instituto superior de
engenharia de lisboa

POSTGRADUATE COURSE OPTOELECTRONICS AND PHOTONICS ENGINEERING

PHOTONICS is a key technology for the future society. It is the science that studies the technologies of light generation, manipulation, modulation, transmission, amplification and detection.

Used in a wide variety of industries, such as telecommunications, medicine, military, manufacturing, sensors, and electronics, PHOTONICS will be the dominant technology of the 21st century. The postgraduate course in Optoelectronics and Photonics Engineering gives solid scientific and technological knowledge to address this high tech challenge.

BRIDGING PHYSICS, ENGINEERING AND PHOTONICS

We offer students a challenging engineering programme that combines core photonics courses with multidisciplinary modules.

This application driven approach, combined with high-level training in labs and a strong connection with company partners, boosts the employment prospects of our graduates in innovative industries and research domains.

MAIN TOPICS

- Optical communications
- Biophotonics and sensors
- Photonic materials and structures
- Lasers and light sources
- Experimental project

SPECIALIZATION FIELDS

- Optoelectronics
- Photonics
- Nanotechnology

CAREER OPPORTUNITIES

High-tech companies, research centers, universities and public and private healthcare sector.

PARTNERS

Câmara de Comércio Italiana, HBK, Luso Space, Sphere, Whereeness.



DURATION
2 semesters

ECTS
60

TEACHING LANGUAGE
English

