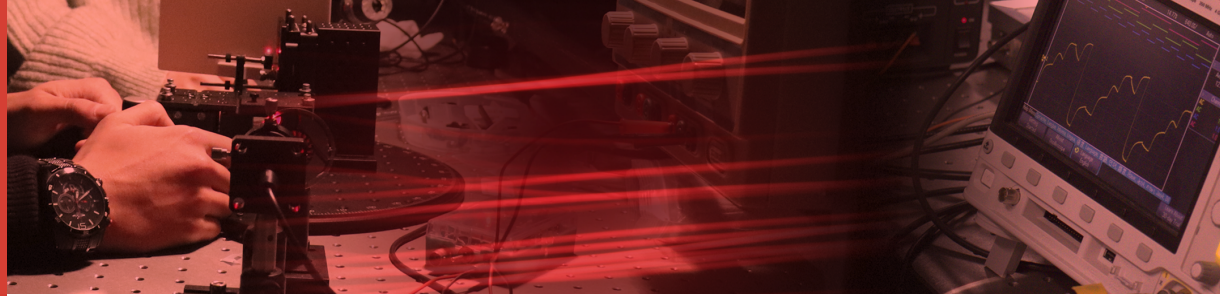


**POSTGRADUATE COURSE
OPTOELECTRONICS AND
PHOTONICS ENGINEERING**



ISEL
INSTITUTO SUPERIOR DE
ENGENHARIA DE LISBOA

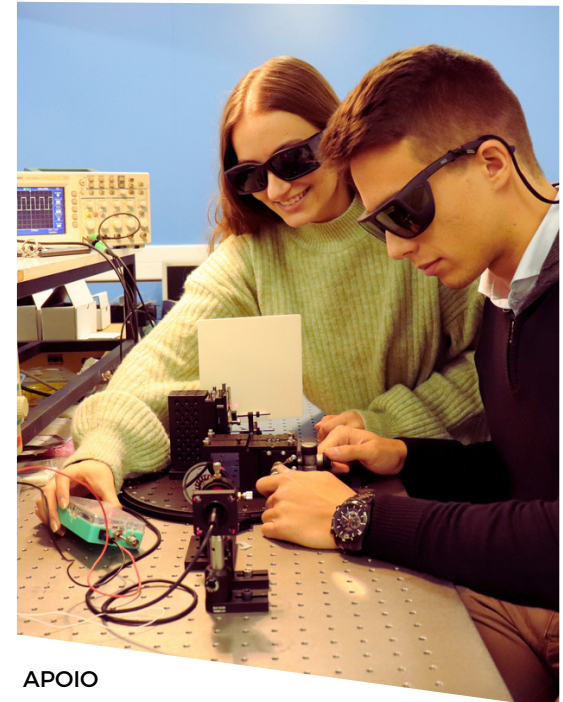
POSTGRADUATE COURSE
**OPTOELECTRONICS
AND PHOTONICS
ENGINEERING**



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.



PARTNERS

Camera di Commercio Italiana  per il Portogallo

 **HBK**
FIBERSENSING

 **lusospace**

 **sphere**
ULTRASTAR PHOTONICS

 **whereness**
NO SOLUTIONS FOR PROFESSIONAL MANAGEMENT

APOIO

 **PRR**
Polo de Referência em
+ Inovação

 **REPÚBLICA
PORTUGUESA**

 **Financiado pela
União Europeia**
NextGenerationEU

DURATION 2 semesters

ECTS 60

TEACHING LANGUAGE English

ADMISSION REQUIREMENTS

Bachelor or Masters degree in Engineering or in (Applied) Physics or any related field

or

Applicants with relevant professional CV.

MORE INFORMATION ON

- Important dates
- Teaching
- Fees

www.isel.pt/cursos/pos-graduacoes

COURSE COORDINATOR CONTACT

 photonics@isel.pt

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.

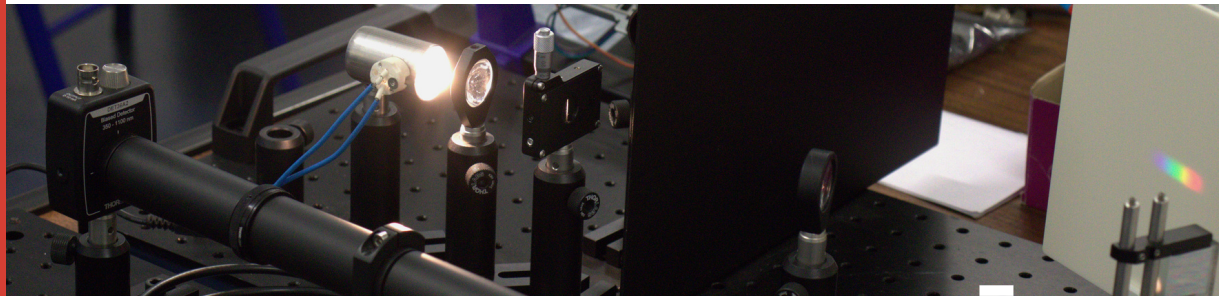
STAKEHOLDER OPINION

LusoSpace is very interested in this new course. Optics is our principal field and there is a lack of training in this area in Portugal.

Ivo Yves Vieira (CEO, LUSOSPACE)



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ISEL POSTGRADUATE COURSES

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

TEACHING | INNOVATION | EMPLOYABILITY



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MAIS INFO