

# Internship Program

## Ophthalmic Oncology





Internship Program  
Ophthalmic Oncology

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# 01

## Introduction to the Program

Ocular Tumors represent a significant clinical challenge in ophthalmological practice due to their diagnostic and therapeutic complexity. For example, the global incidence of Uveal Melanoma ranges from 5 to 7 cases per million inhabitants annually. In this context, Ophthalmic Oncology has evolved with surgical techniques, targeted therapies, and advancements in imaging, improving survival rates and visual preservation. This underscores the importance of incorporating the latest strategies for ocular oncology management into daily clinical practice. For this reason, TECH offers this program, where graduates will complete a 3-week practical residency at a leading institution in Ophthalmic Oncology, delving into the latest advances in this field.

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*Through this Internship Program, you will design highly personalized treatments for the comprehensive management of Malignant Ocular Tumors”*







According to a recent report by the World Health Organization, Intraocular Tumors represent a significant issue in Ophthalmic Oncology. Among the most prevalent conditions are Uveal Melanoma and Retinoblastoma. These conditions require specialized management to optimize visual function and reduce mortality. Therefore, specialists need to stay at the forefront of the latest innovations in surgery and targeted therapies to provide highly personalized treatments.

With this in mind, TECH presents an innovative Internship Program in Ophthalmic Oncology. Graduates of this program will complete a 120-hour practical residency at a leading institution in this field. Over the course of three weeks, the graduate will become part of a team of top-level specialists, working actively in diagnostic evaluations, therapeutic planning, and follow-up of patients with Intraocular or Periocular Tumors. During this immersive experience, they will develop advanced clinical and surgical skills, including techniques for ocular biopsy, radiotherapy treatment, and management of systemic therapies. Additionally, they will acquire expertise in using specialized imaging technologies for the detection and monitoring of Oncological Lesions.

It is worth noting that throughout this immersive experience, graduates will have access to a personal tutor who will provide ongoing technical guidance and clinical support. This ensures that participants can resolve doubts in real-time, receive constructive feedback, and consolidate their competencies in a real, high-complexity environment. This approach guarantees that graduates will be fully equipped to face the clinical challenges of Ophthalmic Oncology with confidence and professional excellence.

# 02

## Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.

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*TECH combines Relearning and the Case Method in all its university programs to guarantee excellent theoretical and practical learning by studying when you want and from wherever you want”*





“

*Study at the largest online university in the world and ensure your professional success. The future begins at TECH”*

### The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

### The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

### The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



### The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

### A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.



### The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

### Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



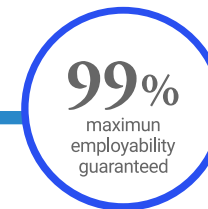
### Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



### The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



# 03

## Teaching Objectives

Through this Internship Program, physicians will acquire advanced competencies for the diagnosis and comprehensive treatment of various Ocular Tumors. In this regard, graduates will master cutting-edge surgical techniques and implement complementary therapies such as radiotherapy. At the same time, professionals will refine their skills in personalized counseling, diagnostic image interpretation, and postoperative follow-up. This will strengthen their ability to offer integrated and up-to-date care in Ocular Oncology, thereby improving the quality of life for their patients.



### General Objectives

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- ♦ Analyze the biological and clinical foundations of Ocular Cancer, including its epidemiology, risk factors, and development mechanisms
- ♦ Identify different types of Ocular Tumors, differentiating between intraocular neoplasms, surface ocular tumors, and tumors of the ocular appendages
- ♦ Apply advanced imaging techniques such as ocular ultrasound or angiography-CT, for precise and timely diagnosis
- ♦ Develop clinical decision-making skills in Ophthalmic Oncology, based on the latest scientific evidence





## Specific Objectives

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- ♦ Analyze the general principles of Ocular Oncology, including its epidemiology, risk factors, and molecular foundations
- ♦ Classify Eyelid Tumors based on their histology and aggressiveness, establishing criteria for differential diagnosis
- ♦ Explore innovative therapies such as topical chemotherapy and immunotherapy in the treatment of these conditions
- ♦ Describe the pathophysiology and clinical progression of the most common Intraocular Tumors in adults
- ♦ Evaluate follow-up strategies and visual rehabilitation in patients treated for Retinoblastoma
- ♦ Apply radiological interpretation criteria to assess the extent and treatment response of Ocular Neoplasms
- ♦ Evaluate the use of biomarkers and immunohistochemical studies in the diagnosis of Ocular Neoplasms
- ♦ Explore the use of chemotherapy, immunotherapy, and targeted therapy in the management of Ocular Cancer
- ♦ Identify the indications and limitations of radiotherapy in the treatment of Ocular and Periocular Tumors
- ♦ Analyze the most common psychiatric disorders in oncology patients, such as Anxiety, Depression, and Post-Traumatic Stress Disorder (PTSD)



# 04

## Internship

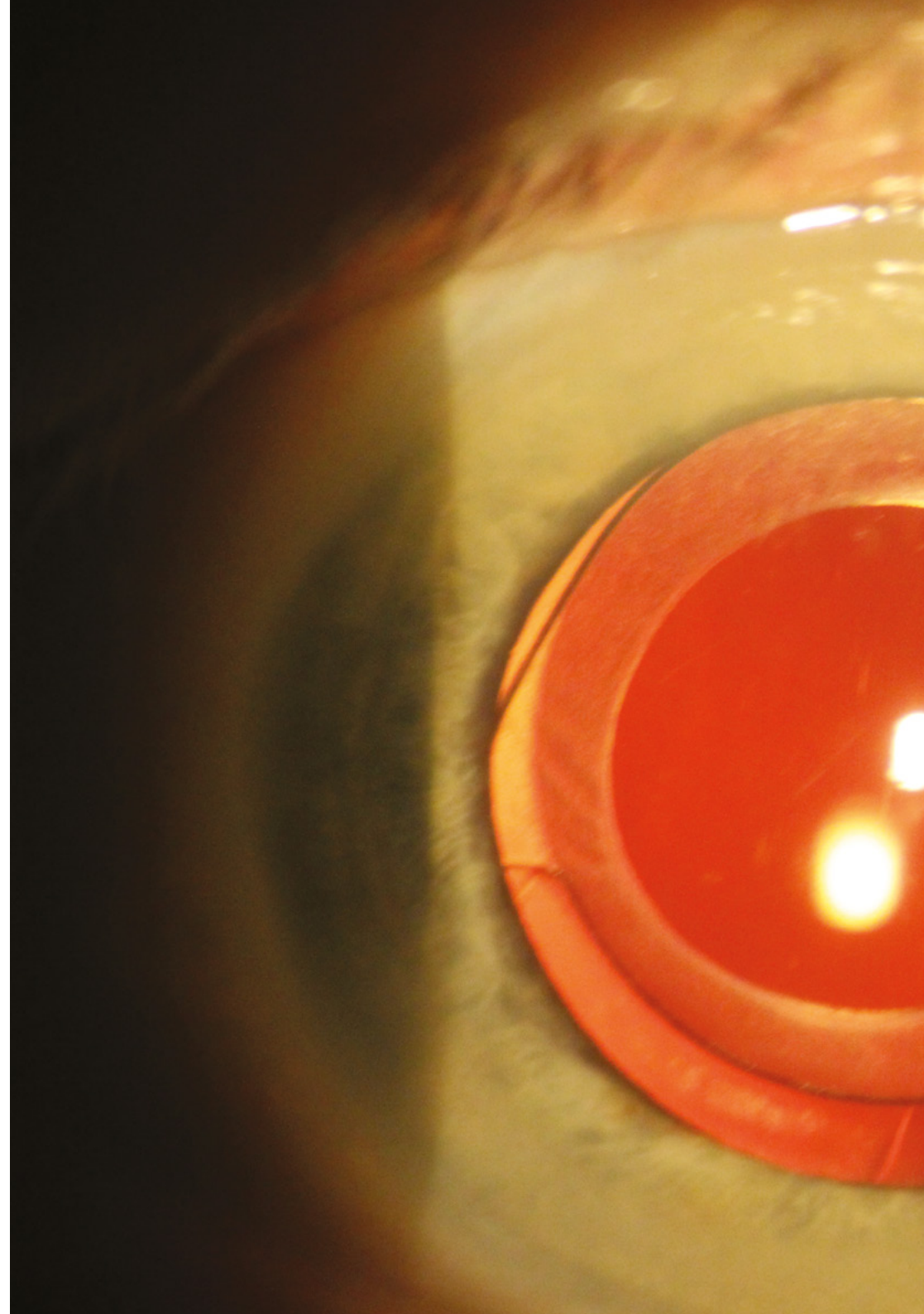
The Practical Training period of this Ophthalmic Oncology program consists of a 3-week clinical residency at a renowned institution, Monday through Friday, with 8 consecutive hours of hands-on practical training alongside an associate specialist. This residency will allow graduates to participate in specialized surgical and therapeutic procedures, enhancing their ability to handle complex cases with high precision.

In this academic proposal, the activities are designed for the development and refinement of specific competencies in Ophthalmic Oncology, focused on healthcare for conditions that require a high level of specialization. The activities aim to provide innovative techniques for the diagnosis, management, and safe treatment of Ocular Tumors. All of this is done while ensuring patient protection and ensuring professional excellence in a specialized clinical environment.

Without a doubt, it is an opportunity to update knowledge while working in a clinical setting of excellence, where real-time health monitoring of patients is at the core of the digital culture of its professionals.

The practical teaching will be done with the accompaniment and guidance of professors and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for medical praxis (learning to be and learning to relate).

The procedures described below will be the basis of the specialization, and their realization will be subject to the center's own availability, its usual activity and workload, the proposed activities being the following:





Module	Practical Activity
<b>Approach to Ocular Tumors</b>	Perform a detailed clinical evaluation of Intraocular, Conjunctival, and Periocular Lesions
	Interpret imaging tests such as ocular ultrasound, fluorescein angiography, and computed tomography (CT) with precision
	Carry out biopsies to determine the nature of suspicious lesions
	Administer local radiotherapy treatments or brachytherapy
<b>Tumor Lesion Therapies within the Ocular Globe</b>	Obtain an accurate diagnosis using advanced imaging techniques such as ocular ultrasound, tomography, or fluorescein angiography
	Execute ocular oncological treatments such as local therapies, systemic treatments, and conservative surgery
	Conduct continuous follow-up to detect recurrences or post-treatment complications
	Offer genetic counseling to patients with a predisposition to Ocular Neoplasms
<b>Retinoblastoma Treatment</b>	Classify Retinoblastoma according to its stage to define the appropriate treatment
	Apply specific treatments such as systemic chemotherapy, radiotherapy, or cryotherapy
	Monitor the patient's condition to assess therapeutic response, detect recurrences, and manage side effects
	Provide family counseling to identify hereditary risks early and prevent the onset of complex pathologies
<b>Application of Radiological Therapies</b>	Plan radiotherapy treatments to determine the exact areas to irradiate and minimize damage to healthy tissues
	Monitor tumor progression using imaging to evaluate the response to radiological treatment
	Early detection of ocular radiological complications resulting from radiotherapy (such as Retinopathy or Optic Neuropathy)
	Provide clinical counseling for the integration of radiology in the multidisciplinary management of patients with Intraocular or Periocular Tumors



# 05

## Internship Centers

Below are some of the internship centers selected by TECH for this university program. However, if none of them meet your expectations or needs, TECH is committed to facilitating the formalization of an agreement with an entity that aligns with your preferences, ensuring a fully personalized experience.

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*You will complete a 3-week Internship Program at a renowned institution specializing in Ophthalmic Oncology”*







The student will be able to do this program at the following centers:



**Innova Ocular**  
Clínica Muiños

Medicine

**Miranza Clínica Muiños**

Country

Spain

City

Santa Cruz de Tenerife

Address: C. Emilio Serra Fernández De Moratín, 6,  
38006 Santa Cruz de Tenerife

It is a specialized ophthalmic center that provides comprehensive  
eye health care

**Related internship programs:**

- Refractive Surgery
- Oculoplasty, Orbit, and Tear Ducts

# 06

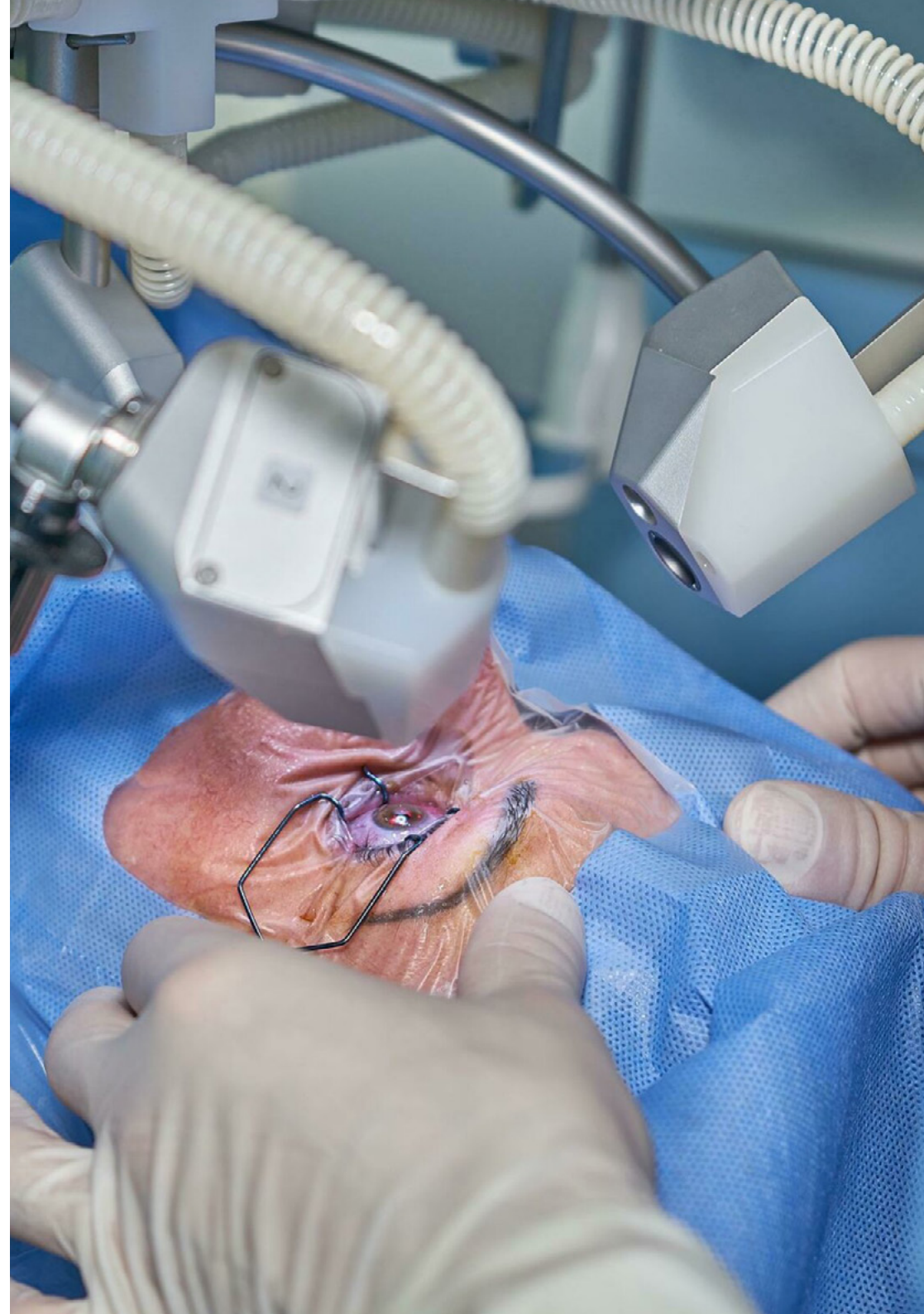
## General Conditions

### Civil Liability Insurance

The university's main concern is to guarantee the safety of the interns, other collaborating professionals involved in the internship process at the center. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, the university commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the Internship Program period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.





## General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

**1. TUTOR:** During the Internship Program, students will be assigned two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

**2. DURATION:** The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

**3. ABSENCE:** If the student does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

**4. CERTIFICATION:** Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

**5. EMPLOYMENT RELATIONSHIP:** The Internship Program shall not constitute an employment relationship of any kind.

**6. PRIOR EDUCATION** Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

**7. DOES NOT INCLUDE:** The Internship Program will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed.

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.



# 07 Certificate

This private qualification will allow you to obtain a diploma for the **Internship Program in Ophthalmic Oncology** endorsed by TECH Global University, the world's largest online university.

**TECH Global University**, is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Internship Program in Ophthalmic Oncology**

Duration: **3 weeks**

Attendance: **Monday to Friday, 8-hour shifts, consecutive shifts**

Accreditation: **4 ECTS**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

virtual classroom

**tech** global  
university

Internship Program  
Ophthalmic Oncology



# Internship Program

## Ophthalmic Oncology