

Internship Program

Legal and Forensic Medicine





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university

Internship Program
Legal and Forensic Medicine

Index

01

Introduction

p. 4

02

Why Study an Internship Program?

p. 6

03

Objectives

p. 8

04

Educational Plan

p. 10

05

Where Can I Do the Internship Program?

p. 12

06

General Conditions

p. 14

07

Certificate

p. 16

01 Introduction

Forensic Medicine has evolved significantly in recent decades, driven by technological and scientific advances that have transformed the way criminal cases are investigated and solved. For example, the use of DNA techniques has significantly helped to identify victims and even exonerate innocent people. Given this reality, it is essential that professionals remain at the forefront of advances in this area in order to optimize their results. In this scenario, TECH launches an avant-garde university program where, over 3 weeks, specialists will join a prestigious entity to learn about the latest innovations in this ever-expanding field.



Through this Internship Program you will handle the most innovative methodologies to perform postmortem examinations to determine the causes of deaths”





Industry 4.0 has had a significant impact on the field of Forensic and Legal Medicine by incorporating advanced technologies for subjects such as evidence collection and analysis at crime scenes. An example of this is Isotopic Ratio Mass Spectrometry, which can determine the geographical origin of a drug sample, explosive and even food. Faced with this situation, it is necessary for practitioners to keep abreast of these advances to improve the efficiency of their forensic processes and optimize the obtained results.

For this reason, TECH is developing an innovative Internship Program in Legal and Forensic Medicine that will allow professionals to delve into the most recent advances in this field. Therefore, graduates will have a 3-week intensive on-site stay in prestigious centers. These facilities are staffed by a team of experienced professionals who will help graduates acquire new skills to experience a significant leap in quality in their careers as Forensic Physicians.

Throughout their on-site stay, graduates will be able to appreciate in a real scenario the most avant-garde strategies to carry out detailed autopsies. All this accompanied by renowned professionals in the field of Legal and Forensic Medicine. In addition, graduates will have the support of an adjunct tutor, who will be in charge of guiding them through the process of updating their knowledge. Therefore, professionals will be able to polish their skills with the firm objective of clarifying the facts of criminal investigations and contribute to justice through evidence and proof.

02

Why Study an Internship Program?

The field of Legal and Forensic Medicine is undergoing constant evolution due to advances in technology. An example of this are the new diagnostic tools, which significantly improve the accuracy in the collection and analysis of evidence. In this context, it is essential for specialists to update their knowledge to ensure the effectiveness of their professional practice. To facilitate this task, TECH has developed a revolutionary 100% practical program that will enable experts to master the most cutting-edge scientific methodologies to quantify both physical and psychological damage to victims. In this way, practitioners will provide more thorough and substantiated assessments. The itinerary will be carried out through a 3-week intensive on-site stay in prestigious centers and in conjunction with distinguished experts in the field of Legal and Forensic Medicine.



A team integrated by professionals in Legal and Forensic Medicine will provide you with the most advanced methods to evaluate injuries in individuals”

1. Updating from the latest technology available

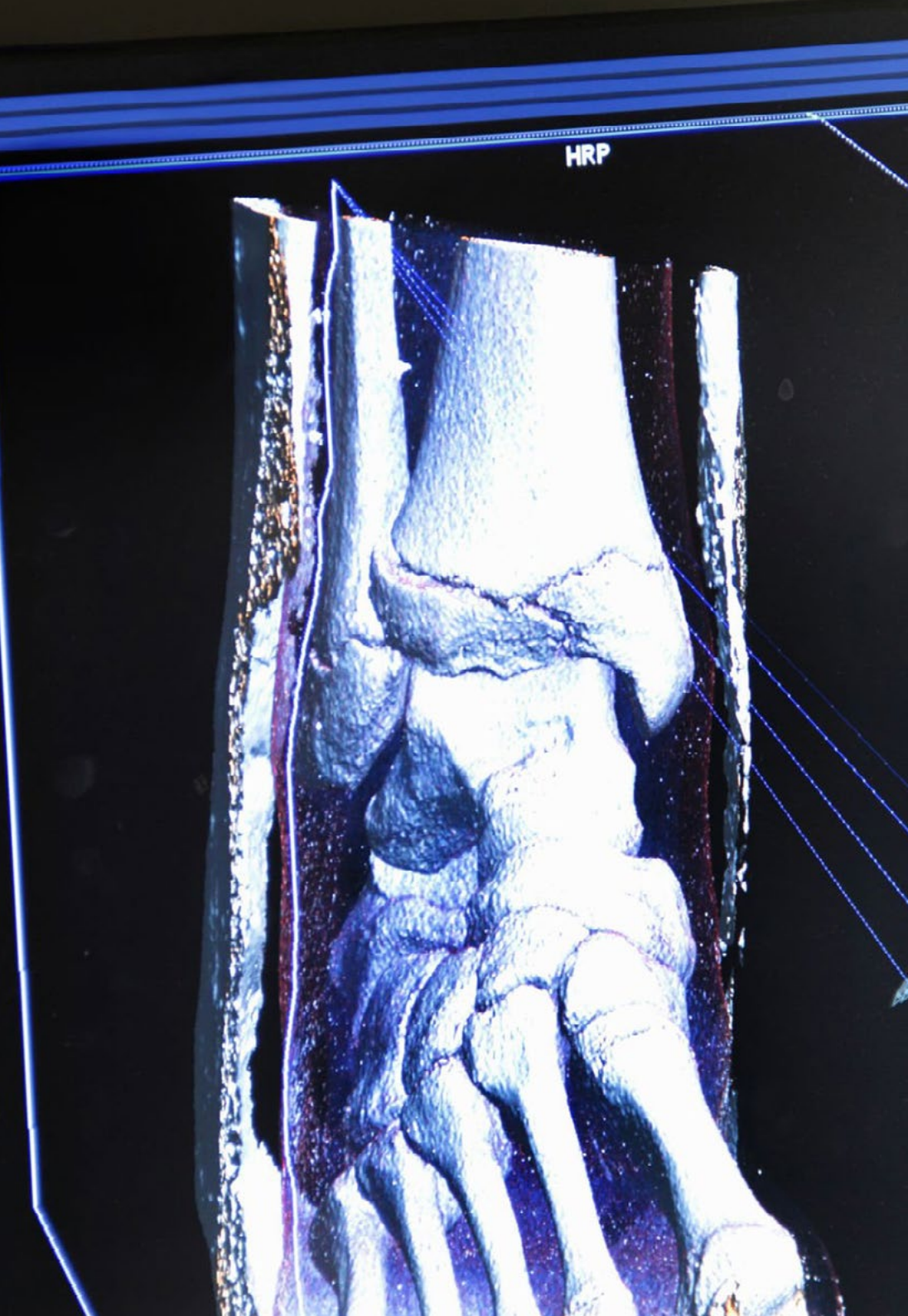
The field of Forensic Medicine has undergone a revolution in recent years driven by the introduction of new technologies that have improved accuracy and efficiency in the different processes. For example, Mass Spectrometry allows the accurate detection and analysis of toxic substances, drugs or poisons in biological samples. In view of this, TECH presents this Internship Program, where graduates will enter a reference institution equipped with the most sophisticated tools in this field.

2. Gaining in-depth knowledge from the experience of top specialists

During this on-site stay, graduates will have the support of a multidisciplinary work team made up of references in the field of Legal and Forensic Medicine. Thanks to this, forensic doctors will enjoy a high-quality update that will allow them to experience a remarkable leap in quality in their professional career. In turn, a specifically appointed tutor will ensure that the objectives for which this Internship Program has been designed are met.

3. Entering first-class clinical environments

For this academic proposal, TECH has carried out a thorough process to select the institutions where graduates will develop their Internship Program. Thanks to this, forensic doctors will have access to first class institutions, equipped with the necessary materials to carry out their different tasks with maximum efficiency. In this way, they will carry out the most exhaustive scientific investigations to clarify the causes of death.



4. Putting the acquired knowledge into daily practice from the very first moment

Currently, the educational market is full of university programs focused exclusively on theory. Far from this, TECH presents an eminently practical methodology that will allow professionals to acquire the necessary skills to offer services characterized by their excellent quality. Therefore, graduates will join a recognized entity where they will have the support of true specialists in the area of Legal and Forensic Medicine.

5. Expanding the boundaries of knowledge

TECH gives experts the opportunity to carry out this Internship Program in the most prestigious institutions, with the support of real references in this discipline. In this way, professionals who enter this program will enjoy a healthcare scenario of excellence to apply their knowledge and skills. Therefore, subsequently, they will incorporate the most advanced techniques in Legal and Forensic Medicine to their procedures.



*You will have full practical immersion
at the center of your choice"*

03 Objectives

Through this university program, physicians will be up to date with the most innovative forensic procedures, from evidence collection to interpretation of results. Likewise, graduates will enhance their skills to analyze data and evidence using sophisticated scientific methodologies. In this sense, they will be highly qualified to perform autopsies and determine both the cause and manner of death. In addition, professionals will be able to write clear, concise and accurate expert reports that can be used in legal proceedings.



General Objectives

- ♦ Update the knowledge of main interest in the field of Legal and Forensic Medicine
- ♦ Promote work strategies based on a comprehensive approach to the expert witness as a reference model to achieve expert-level excellence
- ♦ Encourage the acquisition of technical skills and abilities through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific qualification
- ♦ Encourage professional stimulation through continuous education and research





Specific Objectives

- Define the different personality types of subjects
- Describe the components of the antisocial personality
- Define the different investigative techniques used in Forensic Medicine
- Define the process for conducting Criminological Examinations
- Define the parameters for determining certain aspects of the subject according to forensic anthropology
- Describe the forensic medical aspects of opiate and cocaine related disorders
- Define the forensic medical aspects of disorders related to cannabis and other drugs
- Explain how to deal with Post-Traumatic Stress Disorder
- Define the medical forensic aspects of personality disorders
- Identify the toxicokinetics of herbicides and how to treat cases of acute intoxication
- Explain the toxicokinetics of pyrethroids and insect repellents and how to treat cases of acute intoxication
- Identify the toxicokinetics of organochlorines and how to treat cases of acute intoxication
- Delve into the toxicokinetics of organophosphates and carbamates and how to treat cases of acute intoxication
- Delve into the the toxicokinetics of substances for chemical submission and their treatment in case of acute intoxication
- Identify the toxicokinetics of amphetamines and designer drugs and how to treat cases of acute intoxication
- Explain the toxicokinetics of inhalants and how to treat cases of acute intoxication
- Explain the toxicokinetics of ethanol and how to treat cases of acute intoxication
- Define the nature of offenses against sexual freedom and indemnity
- Learn about the relevant aspects for the identification of possible aggressions
- Establish the relevant aspects for the identification of possible aggressors
- Explain the mechanism of the most common vehicular traffic accident injuries



This university program gives you the opportunity to update your knowledge in a real scenario, with the maximum scientific rigor of an institution at the forefront of technology”

04

Educational Plan

This program consists of a practical internship in a distinguished institution, lasting 3 weeks, from Monday to Friday, with 8 consecutive hours of practical specialization with an associate specialist. This experience will allow graduates to enter an innovative work environment, whose main objective is to determine the circumstances and causes of death in cases of suspicious or violent deaths.

In this proposal, of a completely practical nature, the activities are aimed at developing and perfecting the skills necessary for the provision of Legal and Forensic Medicine services in conditions that require a high level of qualification, and which are oriented towards specific specialization for the exercise of the activity.

Undoubtedly, this is an ideal opportunity for graduates to acquire advanced skills to analyze medical and scientific data, as well as to carry out detailed investigations to draw accurate conclusions based on evidence. In this way, they will be able to perform their work with precision, efficiency and responsibility, contributing significantly to the justice system and the protection of society.

Practical specialization will be carried out with the accompaniment and guidance of the professors and other fellow trainees who facilitate teamwork and multidisciplinary integration as transversal competencies for medical practice (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:



TECH offers you the most complete Internship Program in the market so that you can reach maximum efficiency in your career as a Forensic Physician”



Module	Practical Activity
Study of Death	Conduct detailed autopsies to determine the cause, manner and time of death.
	Use <i>postmortem signs</i> such as <i>cadaveric rigidity, lividity, body temperature, and decomposition</i> to estimate time since death.
	Identify and analyze traumatic injuries to the body to determine their nature and possible relationship to death.
	Collect and preserve physical evidence from the body such as tissues, body fluids, or foreign objects
Forensic Sexology	Conduct detailed physical examinations of victims of sexual assault to document injuries, collect biological evidence, and provide immediate medical care.
	Evaluate physical and genitourinary injuries to individuals, determining their nature.
	Test for Sexually Transmitted Diseases in victims and suspects, providing appropriate treatment if necessary.
	Write comprehensive reports that include physical examination findings, laboratory test results, and conclusions about the nature of the attack for later use in legal proceedings.
Psychiatry and Forensic Medicine	Analyze whether the person is competent to stand trial, understanding legal procedures and being able to participate in their defense.
	Determine whether defendants had the mental capacity to understand the nature and consequences of their actions at the time of the crime.
	Assess the risk that an individual may commit violent acts in the future.
	Establish a subject's capacity to make important decisions, such as consenting to treatment, administering property, or caring for themselves.
Impact of Injury	Perform detailed assessments to determine the degree of temporary or permanent disability resulting from the injuries.
	Assess the psychological and emotional impact of traumatic events (such as accidents, assaults or abuse) and determine the existence of impairments.
	Prepare expert reports that describe in depth the medical findings, the causal relationship between the incident and the injuries, as well as their implications on the patient's health.
	Conduct periodic evaluations of individuals to monitor the progress of recovery or the evolution of the patient's health.

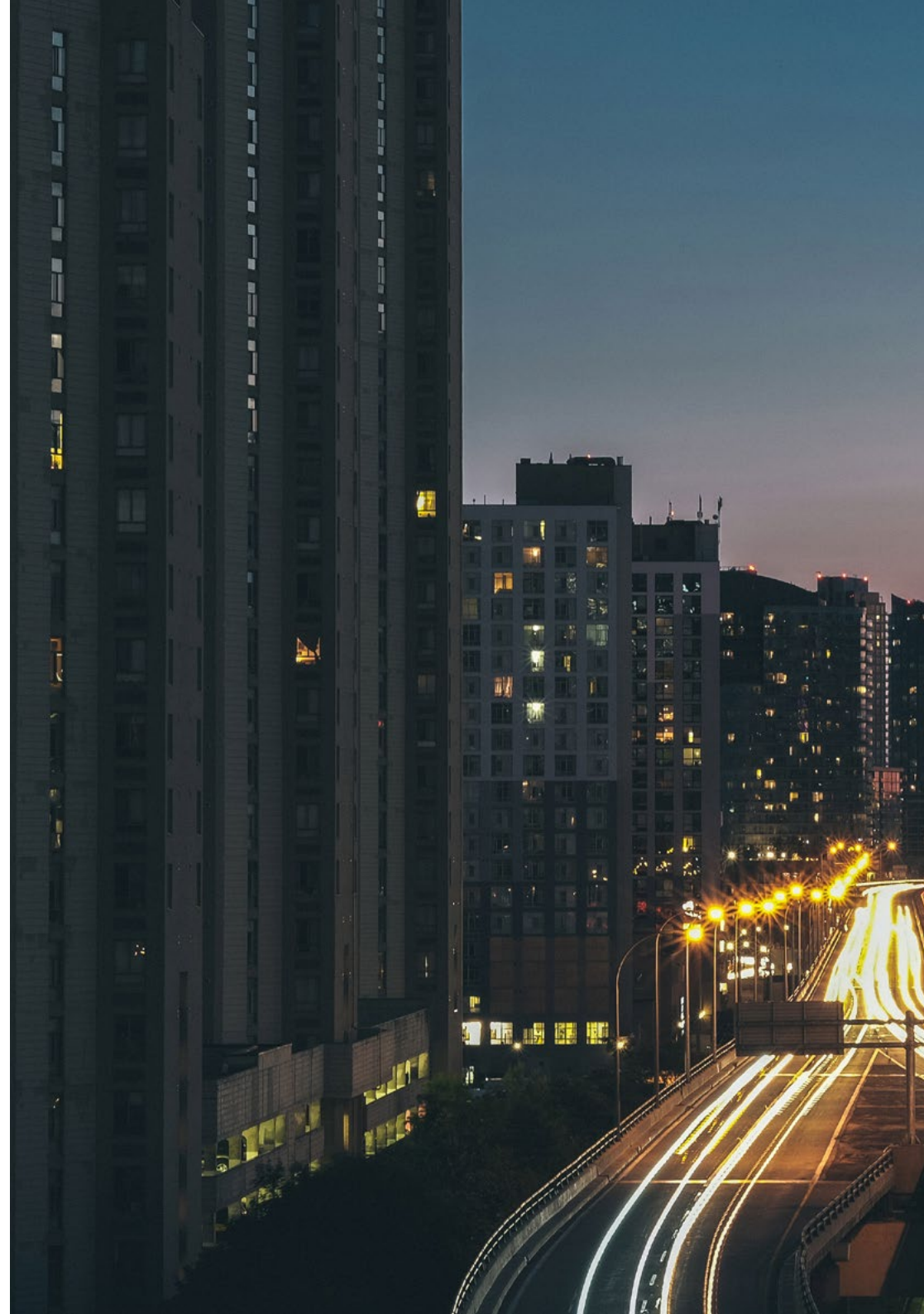
05

Where Can I Do the Internship Program?

In its commitment to provide quality education available to all, TECH has focused its efforts on selecting the best centers in the field of Legal and Forensic Medicine. In this way, graduates will have the opportunity to access first class facilities to increase their potential. In addition, during this academic itinerary they will have the support of a multidisciplinary work team, composed of professionals in this area. These specialists will transmit to students all the knowledge and skills they need to experience a leap in quality in their careers as physicians.

“

You will carry out your Internship Program in a prestigious entity, where you will be surrounded by real experts in Legal and Forensic Medicine”





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

Centro Médico San Bernardo

Country	City
Spain	Madrid

Address: Calle de Jerónimo de la Quintana,
8, Chamberí, 28010 Madrid

Since its inception, Centro Medico San Bernardo has been dedicated to providing excellent medical services

Related internship programs:

- Legal and Forensic Medicine
- Telemedicine



Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology"

06 General Conditions

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieving this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the 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 with 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 with 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 students 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 **Internship Program diploma in Legal and Forensic Medicine** 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 Legal and Forensic Medicine**

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
development language
virtual classroom



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