

# Postgraduate Certificate Bibliographic Positioning in Medical Research

Endorsed by the NBA



**tech** technological  
university



## Postgraduate Certificate Bibliographic Positioning in Medical Research

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/in/sports-science/postgraduate-certificate/bibliographic-positioning-medical-research](http://www.techtitute.com/in/sports-science/postgraduate-certificate/bibliographic-positioning-medical-research)

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# 01

# Introduction

Bibliographic Positioning is a key strategy for studies to be recognized and, therefore, increase their prestige. By applying an optimal system in SEM, the research project will not only reach more people, but will also gain a higher profile that can make its author grow as a professional. This is a chain process that could even increase the attraction of investors for future studies. Such is its importance that, in Sports Sciences, it is essential to find an incentive, given the lack of investment in R+D+i. Therefore, companies require specialists who are proficient in SEO activities, as well as in the generation of reference bases for multiple uses. TECH offers a comprehensive and 100% online program that delves into these issues and has been designed for professionals who carry out studies around Sport.



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*Don't waste your time, join TECH to master in just 150 hours the bibliographic positioning of Sports Research”*

Thanks to the bibliographic search, the professionals themselves can be enriched by the knowledge contained in scientific essays found on the Web. This scenario works as a large trunk that, without physical space, allows Science to reach every home. In addition, it offers advantages such as bibliographic positioning so that, through the selection of keywords, the individual is directly directed to what they are looking for without having to dig into informative materials that ramble in a generalized manner. This not only increases the public's interest in scientific studies, but also speeds up the research process and significantly reduces its costs.

For this reason, TECH offers a complete and rigorous degree that instructs students on the bibliographic positioning of the question or problem to be solved and the search for information. In addition, TECH has a professional team of experts in Sports Research so that the teachers who have developed the content of the degree are the ones who transmit all the theoretical and practical knowledge to the students. At the same time, students will have a direct communication channel through which they will be able to contact teachers and ask any questions they may have. Likewise, the content and structure of this Postgraduate Certificate has been created under the approval of specialists to offer, with academic guarantees, the adequate teaching of its contents in a quick and easy way.

In addition, this program is 100% online, which allows enrolled students to follow the program at any time and from any place. Following this line of flexibility, the student will be able to download the contents and have access to the material without internet access, once the reference guide has been downloaded to their device. A modality that provides all the facilities for those who opt for an education adapted to their needs and value academic compatibility with the digital environment.

This **Postgraduate Certificate in Bibliographic Positioning in Medical Research** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ Development of case studies presented by experts in Medical Research
- ◆ The graphic, schematic, and practical contents with which they are created, provide medical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ The availability of access to content from any fixed or portable device with an Internet connection



*Expand now all your knowledge about scientific article repositories, so you can speed up the development of your research projects”*

“

*Renew your knowledge and deepen your learning of bibliographic search methods, thanks to the instruction provided by TECH”*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

*You will get used to the scientific method to be followed in order to carry out a research on Sports Sciences.*

*A totally digital program so that, from your own home, you can follow the study, without having to travel or set schedules.*



# 02 Objectives

This program has been designed under the fundamentals of a group of experts who will instruct graduates in Health Research, so that they will be more competitive in the workplace and master the keys to develop the extraction of metadata in bibliographic searches and the scientific method. All this, from a program enriched with theoretical and practical materials and the dynamism offered by the digital modality. In this way, students will approach, in only 6 weeks, to work success by focusing on the tools they will use in their professional research practice.







“

Now you have in your hand all the audiovisual materials in different formats offered by TECH, are you going to miss it?”



## General Objectives

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- ◆ Understand the appropriate approach to a question or problem to be solved
- ◆ Assess the state of the art of the problem through literature search
- ◆ Assess the feasibility of the potential project
- ◆ Study the drafting of a project in accordance with the different calls for proposals
- ◆ Examine the search for funding
- ◆ Master the necessary data analysis tools
- ◆ Writing scientific articles (*papers*) according to the target magazines
- ◆ Generate *posters* relevant to the units covered
- ◆ Know the tools for dissemination to the non-specialized public
- ◆ Delve into data protection
- ◆ Understand the transfer of knowledge generated to industry or the clinic
- ◆ Examine the current use of artificial intelligence and massive data analysis
- ◆ Study examples of successful projects





## Specific objectives

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- ◆ Become familiar with the scientific method to be followed to carry out a health research.
- ◆ Learn the correct way to ask a question and the methodology to follow to achieve the best possible answer.
- ◆ Delve into learning how to search for bibliographic methods.
- ◆ Master all the concepts of scientific activity

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*With this Postgraduate Certificate you will increase your confidence in decision making by learning how to search bibliographic methods”*

# 03

# Course Management

TECH has used teachers who are currently working in the scientific field to instruct its students. Thanks to their experience, the sports professional will not only benefit from rigorous and quality knowledge, but their instruction will be guaranteed by the extensive professional background of the teachers. In addition, the specialists enrolled in the program will be able to rely on the guidance of the experts to solve all their questions through a direct communication channel. In this way, a correct instruction of the researcher is guaranteed, who, in turn, will be able to apply what they have learned in their daily professional life.



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*TECH has been enriched with the knowledge of great experts in Health Sciences Research so that you can also apply the keys of scientific studies to the sports field”*

## Management



### Dr. López-Collazo, Eduardo

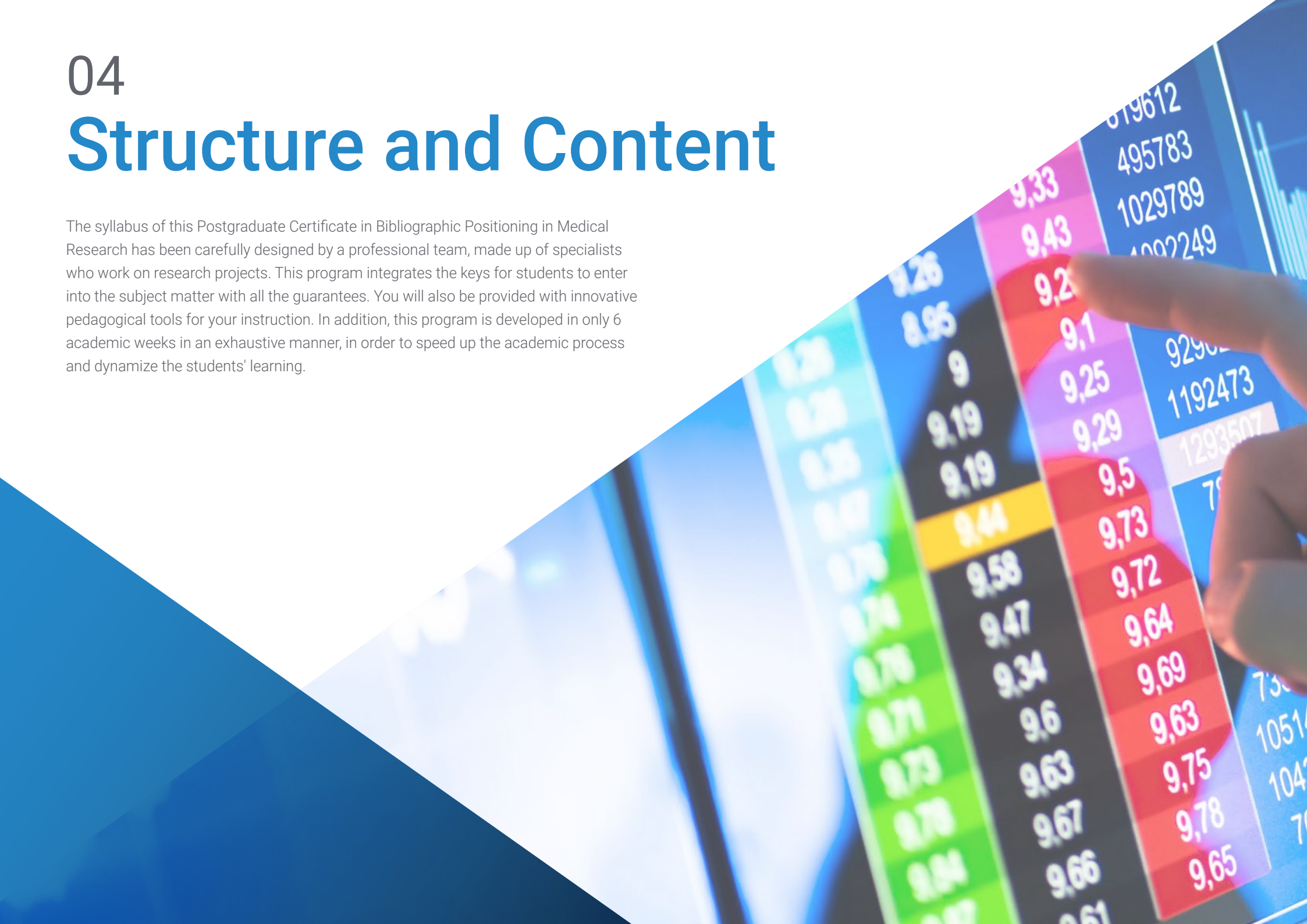
- Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- President of the IdiPAZ Research Commission
- Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- Member of the Scientific Commission of FIDE
- Editor of the international scientific journal "*Mediators of Inflammation*"
- Editor of the international scientific journal "*Frontiers of Immunology*"
- Coordinator of IdiPAZ Platforms
- Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- PhD in Nuclear Physics, University of La Habana
- Doctorate in Pharmacy from the Complutense University of Madrid



# 04

# Structure and Content

The syllabus of this Postgraduate Certificate in Bibliographic Positioning in Medical Research has been carefully designed by a professional team, made up of specialists who work on research projects. This program integrates the keys for students to enter into the subject matter with all the guarantees. You will also be provided with innovative pedagogical tools for your instruction. In addition, this program is developed in only 6 academic weeks in an exhaustive manner, in order to speed up the academic process and dynamize the students' learning.





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*A degree designed to boost your professional career, so that you master all the concepts of scientific activity”*

**Module 1.** The Scientific Method Applied to Health Research. Bibliographic positioning of the research

- 1.1. Definition of the Question or Problem to be Solved
- 1.2. Bibliographic Positioning of the Question or Problem to be Solved
  - 1.2.1. Information Search Strategies and Keywords Pubmed and Other Repositories of Scientific Articles
  - 1.2.2. Pubmed and Other Repositories of Scientific Articles
- 1.3. Treatment of Bibliographic Sources
- 1.4. Treatment of Documentary Sources
- 1.5. Advanced Bibliography Search
- 1.6. Generation of Reference Bases for Multiple Use
- 1.7. Bibliography Managers
- 1.8. Extraction of Metadata in Bibliographic Searches
- 1.9. Definition of the Scientific Methodology to be Followed
  - 1.9.1. Selection of the Necessary Tools
  - 1.9.2. Design of Positive and Negative Controls in an Investigation
- 1.10. Translational Projects and Clinical Trials: Similarities and Differences





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*You are just one click away from obtaining a degree that is customized for you and that will keep you updated in your field so you can offer a more optimal service adapted to new technologies”*

# 05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





“

*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

### Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career*”

*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

With this methodology, we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



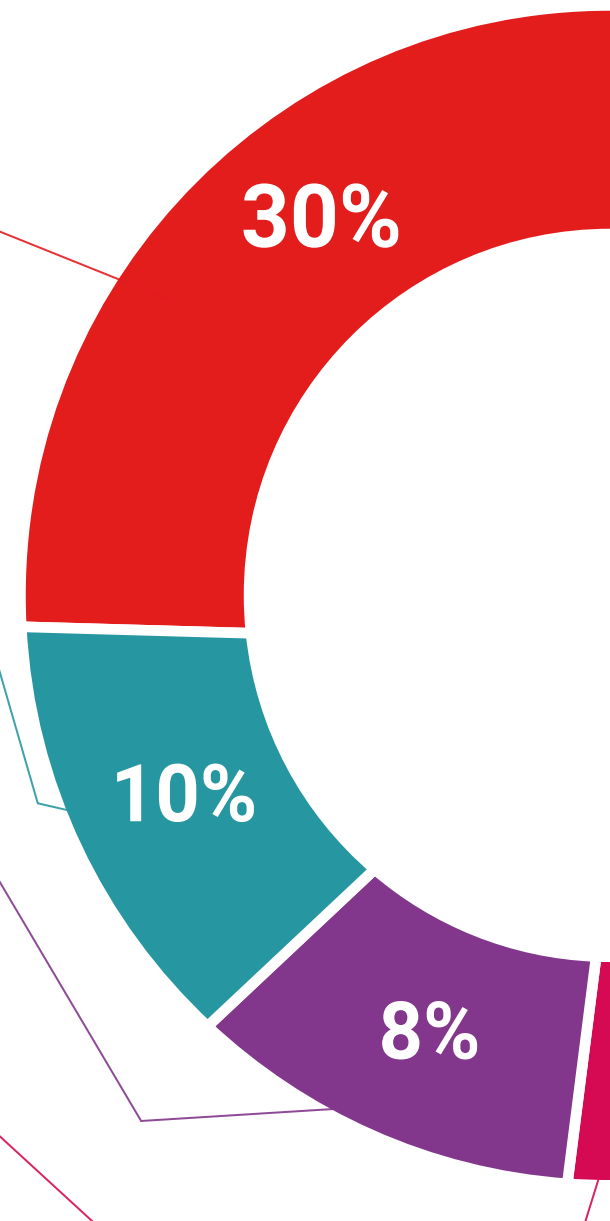
#### Practising Skills and Abilities

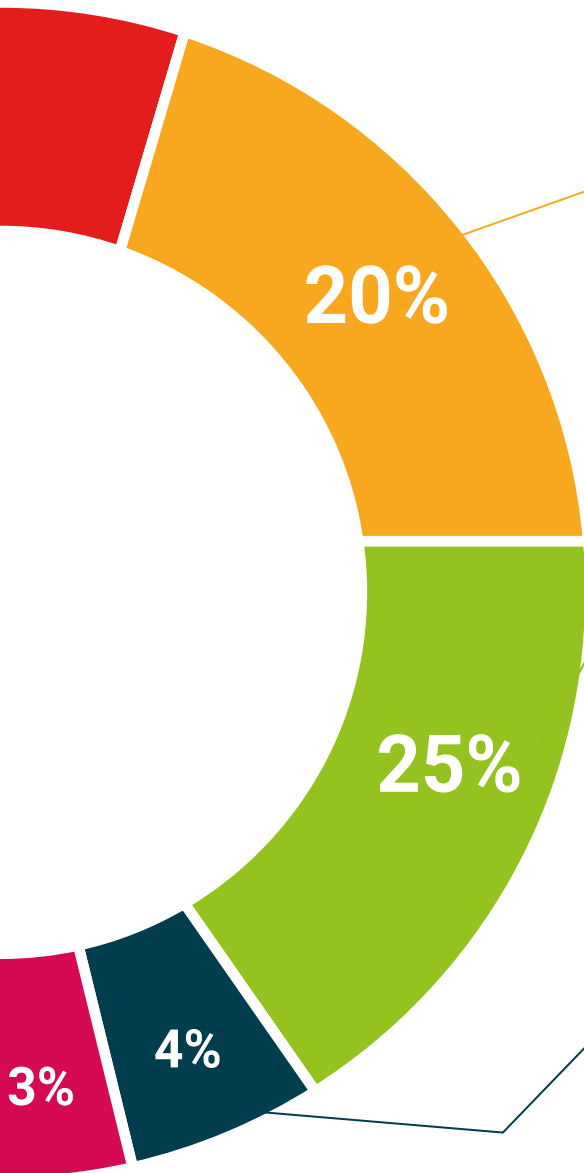
They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this situation. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



# 06 Certificate

The Postgraduate Certificate in Nombre del Programa guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Certificate in Bibliographic Positioning in Medical Research** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Bibliographic Positioning in Medical Research**

Official N° of hours: **150 h.**

**Endorsed by the NBA**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development languages  
virtual classroom



**Postgraduate Certificate**  
Bibliographic Positioning  
in Medical Research

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

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