

Postgraduate Certificate Educational Research in Medicine



Postgraduate Certificate Educational Research in Medicine

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/educational-research-medicine

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Study Methodology

p. 20

06

Certificate

p. 30

01

Introduction

This course on teacher training addresses an important need among the most qualified educators in any specialty. Through specific, practice-focused training, it will provide you with a broad methodological and instrumental understanding of 21st-century teaching.





“

This Postgraduate Certificate in Educational Research in Medicine will provide you with a sense of security in your professional practice, helping you to grow both personally and professionally”

This Postgraduate Certificate offers a broad and comprehensive perspective on education from an applied standpoint, beginning with legislation and role distribution within educational institutions, progressing through the development of teaching skills, and analyzing student profiles. The course also covers integration and adult education, with a special focus on how to adapt teaching for these groups.

It is an advancement over predominantly pedagogical programs focused on teaching practices, which often do not delve deeply into the educational context and the characteristics of students as central elements, while still emphasizing the importance of teaching innovation.

This approach allows for a better understanding of educational and didactic methods, providing professionals with multiple options for applying these approaches in their work based on their specific interests.

This course covers one of the most sought-after areas in the training of professionals from various specialties who wish to enter the teaching world. It is offered from a practical perspective, emphasizing the most innovative aspects of the field.

As such, this course is essential for those wishing to develop their careers in education, without needing prior knowledge, and prepares them for a successful professional career.

Course participants will gain both theoretical and applied knowledge about teaching practices, benefiting their current or future roles. This will offer a qualitative advantage over other professionals in the field.

Additionally, it facilitates entry into the workforce or career advancement, equipping participants with extensive theoretical and practical knowledge that will enhance their daily work skills.

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

- A large number of case studies presented by experts
- Graphic, schematic, and highly practical contents
- The latest developments and cutting-edge advances in this field
- Practical exercises where the self-evaluation process can be carried out to improve learning
- Innovative and highly efficient methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection



Update your knowledge through the Postgraduate Certificate in Educational Research in Medicine program"

“

This Postgraduate Certificate may be the best investment you can make when selecting an updating program for two reasons: in addition to refreshing your knowledge in Educational Research in Medicine, you will receive a course certificate from TECH Global University”

Become an agent of educational change with this comprehensive course.

Take advantage of the opportunity to learn about the latest advances in Educational Research Intervention for Physicians and enhance the training of your students.

This comprehensive course includes a teaching staff of expert professionals who bring their practical experience to this training, along with renowned specialists from leading scientific societies.

Thanks to its multimedia content developed with the latest educational technology, it will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

The design of this program is based on problem-based learning, where students will address various professional practice scenarios presented throughout the course. This will be done with the help of an innovative interactive video system developed by renowned experts with extensive teaching experience.



02 Objectives

The Postgraduate Certificate in Educational Research in Medicine is aimed at facilitating professional practice in this interesting and complex area of work.



“

This course is designed to help you update your knowledge in Educational Research in Medicine, using the latest educational technology, to contribute to quality and safety in decision-making and the ongoing monitoring of your students”



General Objectives

- ♦ Update knowledge on the use of the internet in its various areas of application, including clinical, educational, and social contexts, in order to enhance the quality of professional practice
- ♦ Introduce students to the vast world of technology from a practical perspective, allowing them to explore the different disciplines that encompass the internet and its possibilities
- ♦ Promote the acquisition of communication and knowledge transmission skills
- ♦ Learn about new tools and technologies applied to teaching
- ♦ Encourage continuous training among students and foster interest in teaching innovation



Take advantage of this opportunity and take the step to update yourself on the latest developments in Educational Research in Medicine"





Specific Objectives

- ♦ Understand research designs
- ♦ Learn about essential resources for research
- ♦ Develop the ability to search for and filter relevant information
- ♦ Discover virtual libraries
- ♦ Create plans for general and specific objectives
- ♦ Explore the definition of dependent and independent variables
- ♦ Understand the structure of reports
- ♦ Develop communication skills through report writing
- ♦ Discover evaluation methodologies
- ♦ Learn data extraction in evaluation
- ♦ Train in the use of surveys and observation
- ♦ Understand the correct use of questionnaires and tests
- ♦ Differentiate between relevant variables and control variables
- ♦ Learn about the problem delimitation in intervention
- ♦ Understand the advantages of direct intervention
- ♦ Leverage the benefits of indirect intervention
- ♦ Comprehend the process of data collection in intervention
- ♦ Learn about evaluating the effectiveness of interventions
- ♦ Develop reports and dossiers on innovation
- ♦ Gain the skills to write papers and learn about the dissemination of innovation

03

Course Management

The program includes a teaching staff of leading experts in Educational Research in Medicine, who bring their professional experience to this training. In addition, other experts of renowned prestige participate in its design and planning completing the program in an interdisciplinary manner.



“

Learn from leading professionals about the latest advancements in procedures within the field of Educational Research in Medicine"

Management



Dr. De la Serna, Juan Moisés

- Doctorate in Psychology
- Master's Degree in Neurosciences and Behavioral Biology
- Director of the Open Chair of Psychology and Neurosciences and science communicator



Ms. Jiménez Romero, Yolanda

- Territorial Director of the Extremadura-Castile La Mancha Institute of High Abilities
- Degree in Elementary Education
- Master's Degree in Neuropsychology of High Abilities
- Master's Degree in Emotional Intelligence
- Specialist in NLP

Faculty

Dr. Borrás Sanchís, Salvador

- ♦ Psychologist, Teacher and Speech Therapist
- ♦ Educational Counselor in the Valencian Government, Department of Education
- ♦ Pedagogical Director at the DEIAP Institute



04

Structure and Content

The structure of the content has been designed by a team of professionals, aware of the importance of up-to-date training to advance in the job market with confidence and competitiveness, and to practice your profession with the excellence that the best training allows.



“

This Postgraduate Certificate in Educational Research in Medicine contains the most complete and up-to-date scientific program on the market”

Module 1. Teaching Innovation

- 1.1. Innovation in Study Plans and Programs
 - 1.1.1. The Creation of Study Plans
 - 1.1.2. Innovation Applied to Study Plans
- 1.2. New Teaching Models
 - 1.2.1. Internationalization of Teaching
 - 1.2.2. Virtualization of Teaching
- 1.3. New Teaching Tools
 - 1.3.1. YouTube Applied to Teaching
 - 1.3.2. Podcasts Applied to Teaching
- 1.4. Online. In-person
 - 1.4.1. Advantages and Disadvantages of In-person Teaching
 - 1.4.2. Advantages and Disadvantages of Online Teaching
- 1.5. Collaborative Tools
 - 1.5.1. Wikipedia and Other Wikis
 - 1.5.2. Videoconferencing and Masterclasses
- 1.6. Social Media and Education
 - 1.6.1. Teacher Forums
 - 1.6.2. Chat Groups and WhatsApp
- 1.7. Educational Apps
 - 1.7.1. Educating via Mobile
 - 1.7.2. Bringing the Classroom to the Home
- 1.8. Implementation of Innovation
 - 1.8.1. Identifying Gaps in Education
 - 1.8.2. Proposing Innovations in Education
- 1.9. Evaluation of the Impact of Innovation
 - 1.9.1. Measuring the Effectiveness of Innovation
 - 1.9.2. Checking the Achievement of Innovation Objectives
- 1.10. Communication of Innovation
 - 1.10.1. Papers and Scientific Communication
 - 1.10.2. Conferences and Educational Outreach Sessions





“

*A unique, essential and decisive
learning experience to boost your
professional development"*

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

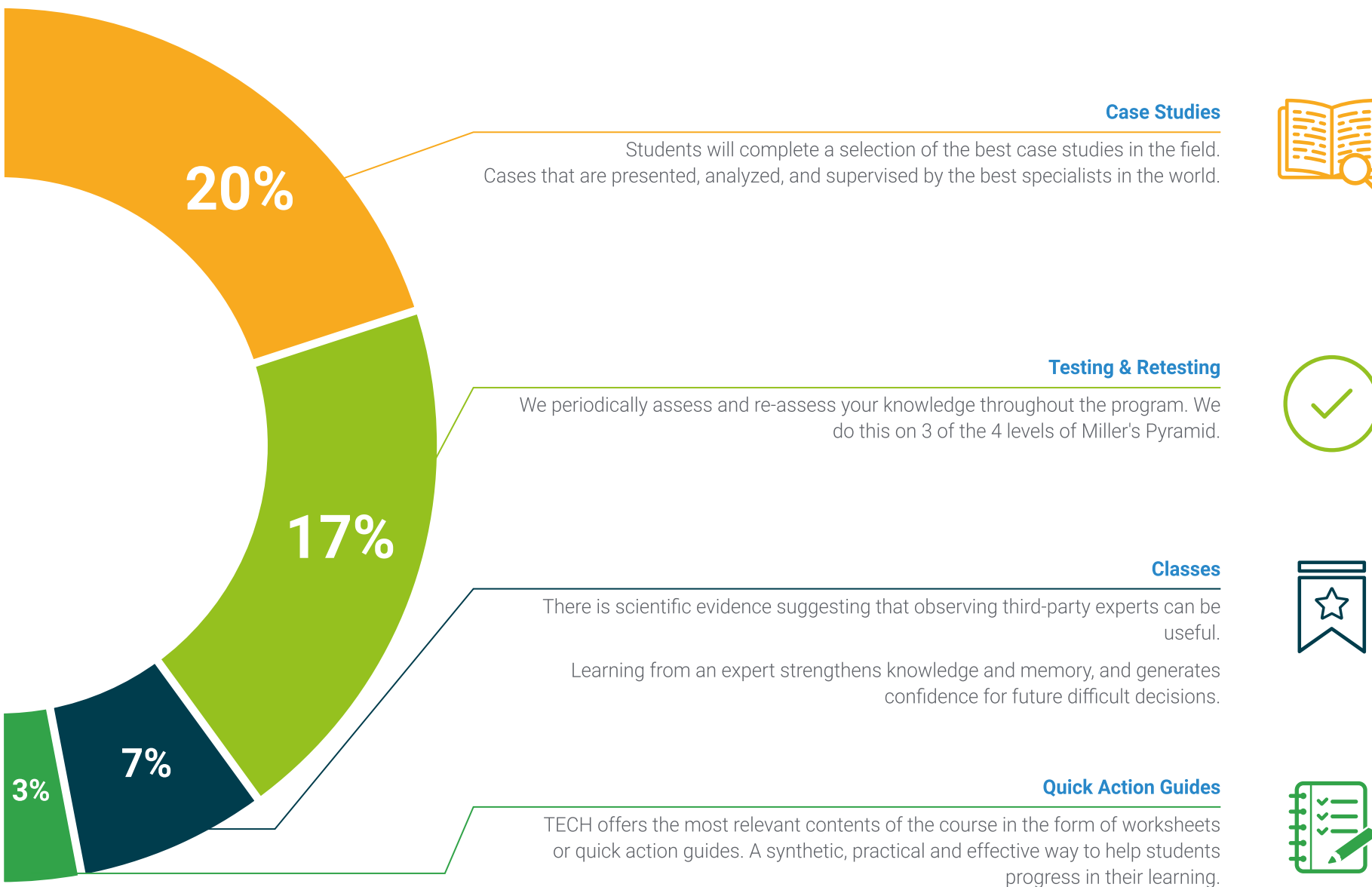
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

The Postgraduate Certificate in Educational Research in Medicine guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.



“

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

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Educational Research in 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: **Postgraduate Certificate in Educational Research in Medicine**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



Postgraduate Certificate Educational Research in Medicine

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate Educational Research in Medicine