

# Postgraduate Certificate

## Development of a Health Research Protocol



## Postgraduate Certificate Development of a Health Research Protocol

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/development-health-research-protocol](http://www.techtute.com/us/nursing/postgraduate-certificate/development-health-research-protocol)

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# 01

# Introduction

The research function in nursing professionals is not yet as integrated into the profession as the clinical role, so it is necessary to stimulate learning and the updating of research methods among professionals. This program presents, in a practical manner, the main guidelines for developing health research protocols, thereby improving the research capacity of nursing professionals.



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*New research procedures through ICTs invite us to be in a constant state of learning. The new tools of information and communication technologies allow us to enhance our research capabilities and improve as professionals”*

The clarity with which the researcher states the objectives of a study, and the method used, is reflected both in the quality of the results obtained and in the evaluation of their relevance.

The protocol of a research project is a document that provides an ordered and systematic description of a proposed study and offers an overview of the aspects of the study before it begins. Therefore, it must be described with enough clarity to allow another researcher to replicate the study or for it to be conducted at a later time.

Furthermore, the protocol must be written with sufficient precision in all sections, so that a researcher from a different area of study can fully understand what is being investigated, how, when, and under what circumstances.

This Postgraduate Certificate in Development of a Health Research Protocol aims to offer a series of recommendations that may be useful in writing a research protocol, focusing on both its structure and content.

This **Postgraduate Certificate in Development of a Health Research Protocol** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ The development of practical cases presented by experts. Its graphic, schematic, and highly practical content provides the necessary knowledge to enhance digital competencies in teaching
- ♦ Video lessons and review of the structure of the scientific health research project
- ♦ Interactive learning system to deepen understanding of the scientific method and the writing of research protocols
- ♦ Includes theoretical lectures, questions to the expert, discussion forums on controversial issues and individual reflection papers
- ♦ Content that is accessible from any fixed or portable device with an internet connection



*Update your knowledge through the Postgraduate Certificate in Development of a Health Research Protocol program"*



*This Postgraduate Certificate may be the best investment you can make when selecting an update program for two reasons: in addition to refreshing your knowledge in Development of a Health Research Protocol, you will receive a diploma for the Postgraduate Certificate awarded by TECH Global University"*

*This Postgraduate Certificate facilitates the updating of skills in the development of research projects.*

*Don't miss the opportunity to update your knowledge and learn to read and write health research protocols precisely.*

It includes a faculty of leading professionals who share the experience of their work in this training.

Thanks to its multimedia content, developed with the latest educational technology, professionals will benefit from situated and contextual learning—simulated environments designed to provide immersive learning experiences that prepare them for real-life situations.

This will be done with the help of an innovative interactive video system developed by renowned experts and with extensive teaching experience.



# 02 Objectives

The program is designed to allow the update of research protocol development procedures, and thanks to technological advancements, it presents an opportunity to increase effectiveness in research for nursing professionals.



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*This update program will provide you with the competencies to act confidently in the research role within nursing”*



### General Objective

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- ♦ Update nursing professionals in writing a research protocol, focusing on both the structure and content of the protocol

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*Take advantage of the opportunity and take the step to get up to date with the latest advancements in Development of a Health Research Protocol”*





## Specific Objectives

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- ♦ Develop information literacy skills to retrieve information from specialized health databases, enabling proper bibliographic review
- ♦ Describe the basic structure to be developed in a research protocol and the main elements to be detailed in the various sections
- ♦ Explain the methodology for formulating a research question and defining the objectives of research projects
- ♦ Present the different design alternatives for a research project, their advantages, and disadvantages
- ♦ Define the fundamental principles in measuring variables

03

# Structure and Content

The structure of the content has been designed by a team of professionals familiar with the implications of ICTs in the research process. It is aimed at allowing nursing professionals to use them to improve their bibliographic searches and enhance their professional research development.



“

*This Postgraduate Certificate in Development of a Health Research Protocol contains one of the most complete and up-to-date programs on the market”*

## Module 1. How to Develop a Health Research Protocol

- 1.1. Headings that Make Up a Research Protocol for a Project
  - 1.1.1. Introduction
  - 1.1.2. Title
  - 1.1.3. Abstract
  - 1.1.4. Keywords
  - 1.1.5. Background and Current State of the Topic
  - 1.1.6. Justification of the Study
  - 1.1.7. Bibliography Development
  - 1.1.8. General Objective and Specific Objectives
  - 1.1.9. Hypothesis
  - 1.1.10. Methodology
  - 1.1.11. Work Plan
  - 1.1.12. Ethical Aspects
  - 1.1.13. Gender Considerations
  - 1.1.14. Experience of the Research Team on the Topic
  - 1.1.15. Practical Applicability and Utility of the Results
  - 1.1.16. Available Resources for Project Completion
  - 1.1.17. Justification of the Requested Funding and Budget
- 1.2. Writing Scientific Articles
  - 1.2.1. Introduction
  - 1.2.2. Methods
  - 1.2.3. Writing the Article
  - 1.2.4. Writing Discussion and Conclusions
- 1.3. Writing a Case Report, Review, Qualitative Research Article, or Thesis
  - 1.3.1. Writing a Case Report
  - 1.3.2. Writing a Review
  - 1.3.3. Writing a Qualitative Research Article
  - 1.3.4. Thesis or Dissertation
- 1.4. Style in Scientific Communication
  - 1.4.1. Style in Scientific Communication
  - 1.4.2. Fifty-One Useful Tips to Avoid Bad Writing Habits



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*A unique, essential, and decisive learning experience to enhance your professional development”*

# 04 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.

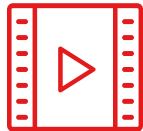
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

*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

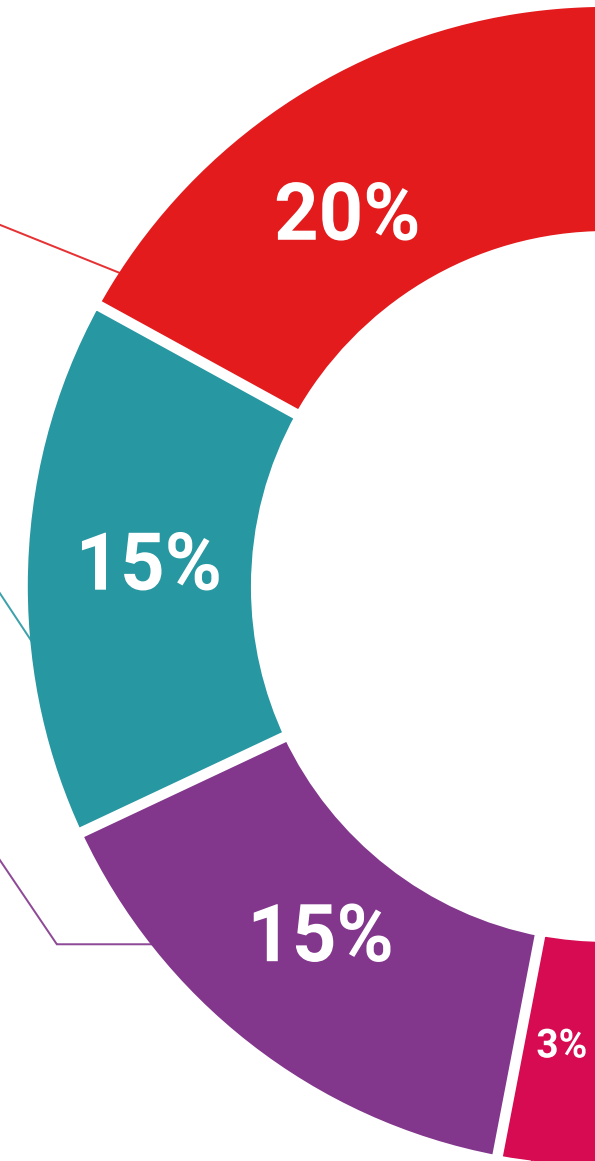
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

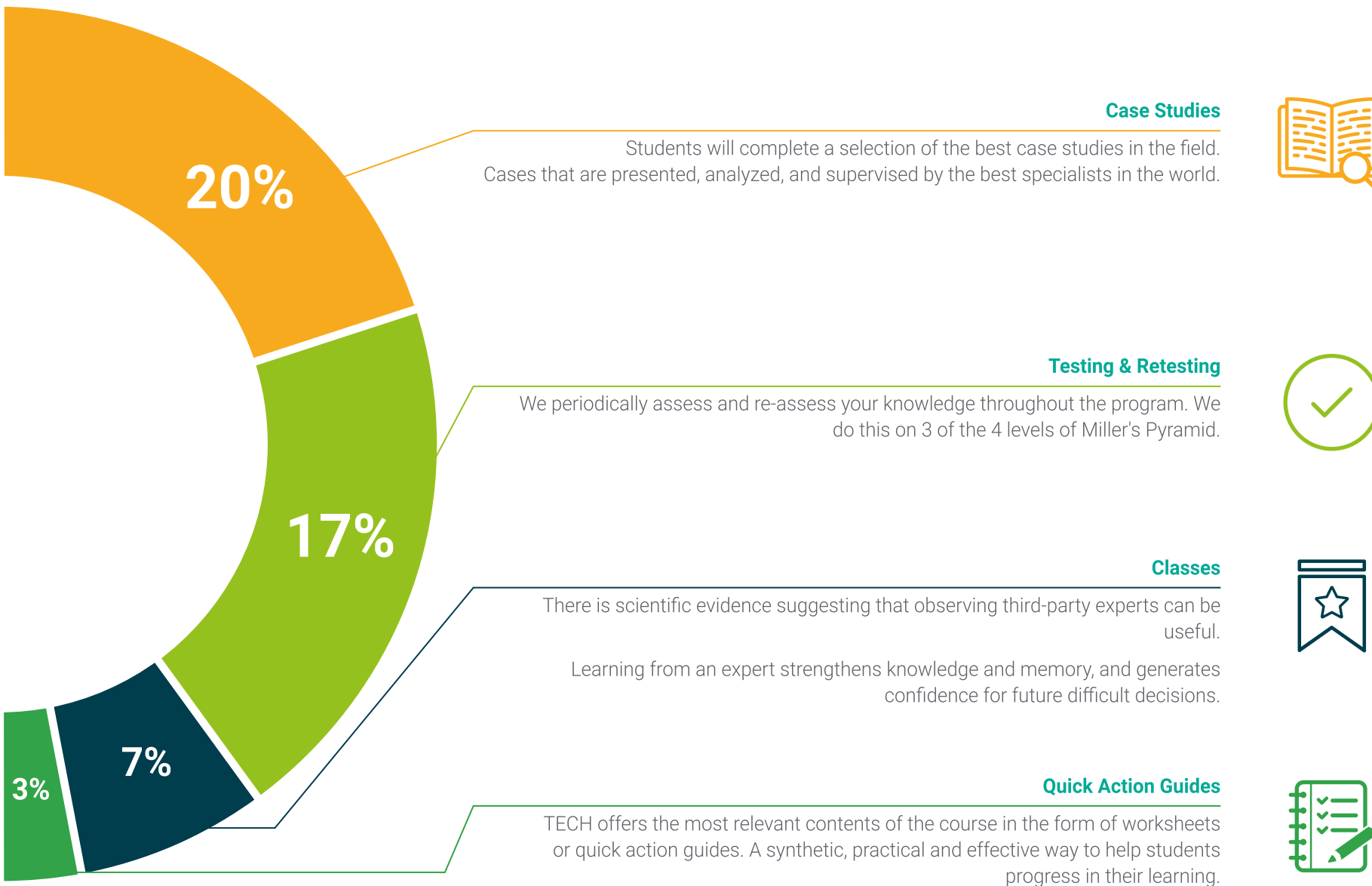
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Additional Reading

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





# 05 Certificate

The Postgraduate Certificate in Development of a Health Research Protocol 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.



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*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 Development of a Health Research Protocol** 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.

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Modality: **online**

Duration: **6 weeks**

Accreditation: **4 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



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