

# Postgraduate Certificate

## Non-Routine - Non-Funded Vaccines





## Postgraduate Certificate Non-Routine - Non-Funded Vaccines

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

Website: [www.techtute.com/us/nursing/postgraduate-certificate/non-routine-non-funded-vaccines](http://www.techtute.com/us/nursing/postgraduate-certificate/non-routine-non-funded-vaccines)

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# 01

# Introduction

There are a number of vaccines that are not considered to be of community interest and therefore are not included in official immunization schedules. However, the knowledge of nurses about these types of vaccines is just as important as those that are common to all citizens. If you want to specialize in this field, at TECH Technological University you have the opportunity to do so with the help of the leading experts in the field and with this program of high educational value.





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*Learn all the necessary information about Non-Routine Vaccines so that you can carry out your work with total confidence and guarantees of success”*

Non-routine vaccines are those that are not included in the vaccination schedules, therefore, are not financed. One of the reasons why they are not scheduled for general use throughout the community is because they are understood to be of individual interest, according to the risk factors of each person. A clear example of this type of medication are vaccines for allergies or those that must be administered to visit countries where certain diseases are present.

During the course of this Postgraduate Certificate, the main non-routine vaccines will be studied. Each one of them is preceded by a contextualization of the disease against which it acts and the preventive measures that the health professional must know about it, as well as the existing vaccines of each one of them with their characteristics, indications, contraindications and vaccination guidelines.

The knowledge of non-routine vaccines is essential for any healthcare professional, especially for nurses, since it is a type of vaccine that causes many doubts in the staff that administers it, so the study of this Postgraduate Certificate will allow the student to know in depth these vaccines to be able to administer them or perform a health education intervention on them safely.

In this Postgraduate Certificate we have proposed to offer you the most complete education on vaccination in a simple and easy to learn way. Also, being a 100% online program, you will have the opportunity to combine your study hours with the rest of your daily obligations, so that you can increase your education in a comfortable way.

This **Postgraduate Certificate in Non-Routine - Non-Funded Vaccines** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of clinical cases presented by vaccine experts
- ◆ Its graphic, schematic and practical contents provide scientific and assistance information on those disciplines essential for the professional practice.
- ◆ New developments on vaccinations
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ 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



*We offer you the opportunity to study with a multitude of practical cases in such a way that you can learn new skills as if you were dealing with real patients”*

“

*Our programs have the best teaching methodology and the latest educational tools, which will allow you to study from home without sacrificing the possibilities offered by on-site classes”*

Its teaching staff includes a professionals from the field of vaccines in nursing, who bring the experience of their work to this program, as well as recognised specialists from leading scientific societies.

The 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 program designed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in vaccination and with extensive teaching experience.

*This Postgraduate Certificate is the best investment you can make in education to acquire the best and most up-to-date education in vaccination.*

*Increase your proficiency in the field of vaccination and improve yourself through this specialization of high educational value.*



# 02 Objectives

This Postgraduate Certificate in Non-Routine - Non-Funded Vaccines is aimed at facilitating the nurse's performance and increasing their ability to treat patients who require this type of intervention with full guarantees of success.



ROTAVIRUS GA  
VAC





ASTROENTERITIS  
CCINE

Sterile  
1.5 ml

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*Our goal is to offer our students the most complete educational program on the market so that they are able to excel and broaden their knowledge and, therefore, become more efficient in their profession”*



## General Objectives

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- Update the knowledge related to the vaccination and disease prevention process and its applicability in the population served, which will allow the nursing professionals to improve their skills when performing their professional activity
- Gain in-depth knowledge and apply the research methodology at the clinical-care and methodological level in the field of the vaccination process
- Develop skills to transmit and sensitize the population to the importance and need for vaccines and the vaccination process itself, through health promotion strategies
- Gain knowledge about the management of vaccines and vaccine management and prevention strategies for communicable diseases susceptible to vaccination





## Specific Objectives

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- ♦ Identify the different vaccines classified as non-systematic vaccines
- ♦ Know in depth the characteristics of the allergy vaccine, the different types of existing vaccines and the correct administration guidelines Integrate the administration protocol in case of missed doses
- ♦ Apply the characteristics of the hepatitis A vaccine, the different types of existing vaccine and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the Hepatitis A vaccine
- ♦ Know In-depth the characteristics of the rabies vaccine, the different types of existing vaccine and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the Rabies vaccine
- ♦ Understand in depth the characteristics of rotavirus vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the rotavirus vaccine
- ♦ Know extensively the characteristics of the vaccine against japanese encephalitis, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the japanese encephalitis vaccine
- ♦ Learn more about the characteristics of the yellow fever vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to yellow fave vaccine
- ♦ Learn more about the characteristics of the typhoid fever vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the typhoid fever vaccine
- ♦ Learn more about the characteristics of the pneumococcal vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the cholera vaccine
- ♦ Learn more about the characteristics of the TB vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the TB vaccine
- ♦ Specialize in the characteristics of the meningococcal B vaccine, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate disease characteristics to meningococcal vaccine B



*Acquire the most up-to-date knowledge in this field of work and apply advanced protocols in this intervention in your day-to-day work"*

03

# Course Management

The program includes in its teaching staff renowned experts in nursing, who contribute their work experience to this Postgraduate Certificate. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



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*Leading experts in the field are at the best university to help you achieve professional success”*

## Management



### Ms. Hernández Solís, Andrea

- Family and Community Nurse in the Madrid Health Service (SERMAS)
- Nurse in the Intensive Care Unit of the Puerta de Hierro University Hospital
- Nurse specialist in Family and Community Nursing at the University Hospital of Getafe
- Teacher in the Foundation for the Development of Nursing (FUDEN)
- Diploma in Nursing from the Autonomous University of Madrid

## Professors

### Ms. Anula Morales, Irene

- Nurse of the Mental Health Department of the Puerta de Hierro Majadahonda University Hospital
- Nurse specialized in in Mental Health the Foundation for the Development of Nursing.
- Nurse Specialist in the Mid-Stay Unit for Adolescents with Severe Mental Disorder at Casta Salud
- Nurse specialist in the Acute Psychiatric Unit of the Jiménez Díaz Foundation University Hospital
- Nurse at the Short Stay Hospitalization Unit for Children and Adolescents at Puerta de Hierro University Hospital
- Diploma in Nursing from the Autonomous University of Madrid



04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best educational hospital and universities in the country, who are aware of the relevance of up-to-date education, and are committed to quality teaching using new educational technologies.







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*We have the most complete and up-to-date scientific program on the market. We strive for educational excellence and we want you to achieve it too"*

## Module 1. Non-Routine - Non-Funded Vaccines

- 1.1. Allergy Vaccines
  - 1.1.1. Disease Characteristics
  - 1.1.2. Types of Existing Vaccines
  - 1.1.3. Vaccination Guidelines
- 1.2. Hepatitis A Vaccine
  - 1.2.1. Disease Characteristics
  - 1.2.2. Types of Existing Vaccines
  - 1.2.3. Vaccination Guidelines
- 1.3. Rabies Vaccine
  - 1.3.1. Disease Characteristics
  - 1.3.2. Types of Existing Vaccines
  - 1.3.3. Vaccination Guidelines
- 1.4. Rotavirus Vaccine
  - 1.4.1. Disease Characteristics
  - 1.4.2. Types of Existing Vaccines
  - 1.4.3. Vaccination Guidelines
- 1.5. Japanese Encephalitis Vaccine
  - 1.5.1. Disease Characteristics
  - 1.5.2. Types of Existing Vaccines
  - 1.5.3. Vaccination Guidelines
- 1.6. Yellow Fever Vaccine
  - 1.6.1. Disease Characteristics
  - 1.6.2. Types of Existing Vaccines
  - 1.6.3. Vaccination Guidelines



- 1.7. Typhoid Fever Vaccine
  - 1.7.1. Disease Characteristics
  - 1.7.2. Types of Existing Vaccines
  - 1.7.3. Vaccination Guidelines
- 1.8. Cholera Vaccine
  - 1.8.1. Disease Characteristics
  - 1.8.2. Types of Existing Vaccines
  - 1.8.3. Vaccination Guidelines
- 1.9. Tuberculosis Vaccine
  - 1.9.1. Disease Characteristics
  - 1.9.2. Types of Existing Vaccines
  - 1.9.3. Vaccination Guidelines
- 1.10. Meningococcal B Vaccine
  - 1.10.1. Disease Characteristics
  - 1.10.2. Types of Existing Vaccines
  - 1.10.3. Vaccination Guidelines



*A unique, key, and decisive educational experience to boost your professional development”*

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.





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*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"*

## At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

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

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



*The nurse will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*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.*

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.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



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 really 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.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



### 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.

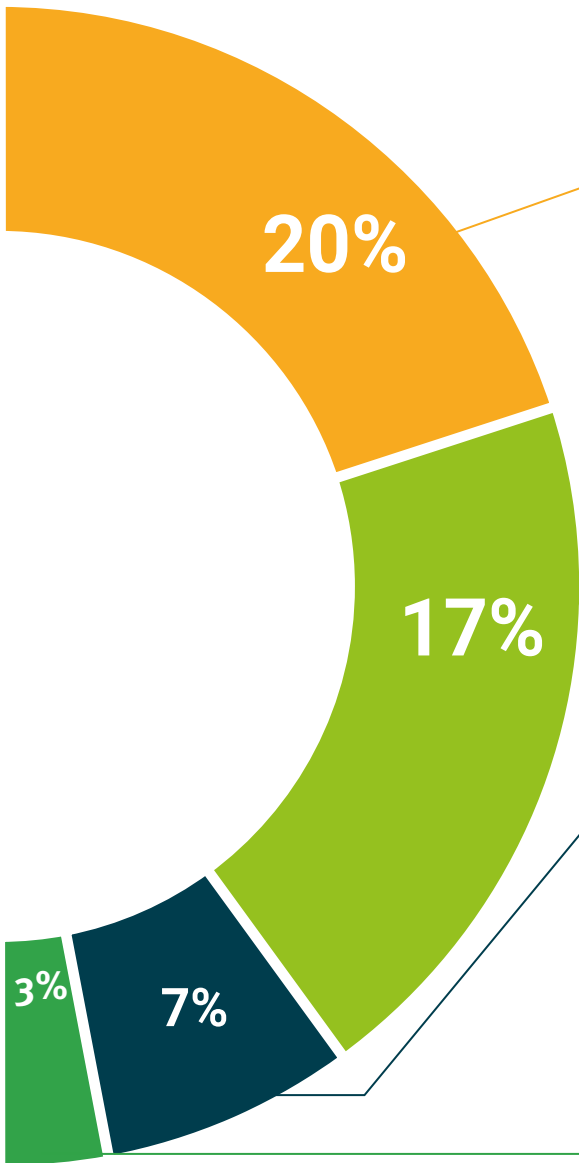
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### 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.



#### 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.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



# 06 Certificate

The Postgraduate Certificate in Non-Routine - Non-Funded Vaccines guarantees students, in addition to the most rigorous and up-to-date education, access to a 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 **Postgraduate Certificate in Non-Routine - Non-Funded Vaccines** 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.

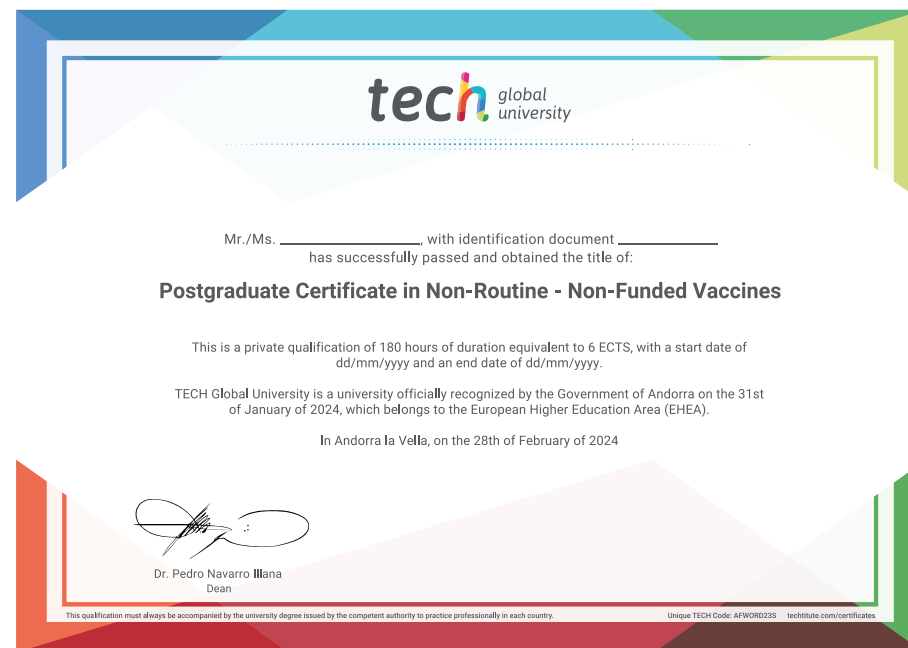
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Non-Routine - Non-Funded Vaccines**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



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