

Postgraduate Certificate

Routine Vaccines





Postgraduate Certificate Routine 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/routine-vaccines

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 20

06

Certificate

p. 28

01

Introduction

Knowing the vaccination schedule of the community in which the nurse works is an essential task that must be carried out during their work practice, since it shows the routine vaccines that must be provided to the population. Thanks to this specialization, the nurse will obtain a higher education on routine vaccines, including their vaccination guidelines and contraindications, so that they can perform their work with complete confidence.



“

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

The Postgraduate Certificate includes a very specific and schematic breakdown of the vaccines classified as routine vaccines, i.e. those included in the vaccination schedules.

Each of the vaccines is preceded by a contextualization of the disease against which it acts, the preventive measures that the health professional should know about it, as well as the existing vaccines of each one of them with their characteristics, indications, contraindications and vaccination guidelines.

With the study of this Postgraduate Certificate, the student will be clear about which vaccines are included in the different vaccination schedules, what these vaccines are for, what prevention measures exist for that disease, as well as the most accurate types of vaccines in each case.

For this, this specialization includes a very complete theoretical material that is accompanied by numerous practical cases, the special bet of our specialization, so that the professional can face, through simulated situations, real cases such as those that could be found during their working life.

In this Postgraduate Certificate we are committed to offer you the most complete specialization on vaccination in a simple and easy to learn way. Likewise, as it is a 100% online specialization, you will have the opportunity to balance your study hours with the rest of your daily obligations, so that you will be able to enhance your qualification in a comfortable way.

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

- ♦ The development of clinical cases presented by vaccine experts
- ♦ The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for 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



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

“

Our programs have the best teaching methodology and the latest educational tools, which will allow you to study from home, but without losing the benefits of on-site classes”

Its teaching staff includes professionals from the field of vaccines in nursing, who bring their work experience to this program, in addition to recognized 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 specialization. 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 in order to acquire the best and most up-to-date qualification in terms of vaccination.

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



02

Objectives

This Professional Master's Degree in Routine 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.





“

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



General Objectives

- ♦ Update knowledge in relation to the vaccination and disease prevention process and its applicability in the population assisted in order to allow the nursing professionals to improve their skills when exercising 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, through health promotion strategies
- ♦ Develop skills in vaccine management and the implementation of strategies for the prevention of communicable diseases susceptible to vaccination



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"





Specific Objectives

- ♦ Identify the different vaccines classified as routine vaccines within the existing immunization schedules
- ♦ Learn more about the characteristics of the diphtheria-tetanus-pertussis vaccine, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate disease characteristics to the diphtheria-tetanus-pertussis vaccine
- ♦ Learn more about the characteristics of the polio vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the polio vaccine
- ♦ Expand knowledge on the characteristics of the vaccine against *Haemophilus Influenzae* type B, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the *Haemophilus Influenzae* type B vaccine
- ♦ Know extensively the characteristics of the Hepatitis B vaccine, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the Hepatitis B vaccine
- ♦ In-depth study of the characteristics of the meningococcal C/ACWY vaccine, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate disease characteristics to meningococcal vaccine C/ ACWY
- ♦ 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 pneumococcal vaccine
- ♦ Know in depth the characteristics of the measles, rubella and mumps vaccine, the different types of existing vaccines and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the measles, rubella and mumps vaccine
- ♦ Expand on the characteristics of the influenza vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the influenza vaccine
- ♦ Know the characteristics of the varicella vaccine, the different types of existing vaccine and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the chickenpox vaccine
- ♦ Know in depth the characteristics of the human papillomavirus HPV vaccine, the different types of vaccine available and the correct administration guidelines
- ♦ Relate the characteristics of the disease to the human papillomavirus HPV vaccine

03

Course Management

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





“

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



04

Structure and Content

The structure of the contents has been designed by a team of professionals from leading hospitals and universities, aware of the relevance of current specialization, and committed to quality teaching through new educational technologies.



S
)
Polio
(Salk)

Masern

“

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. Routine Vaccines

- 1.1. Diphtheria-Tetanus-Pertussis Vaccine
 - 1.1.1. Disease Characteristics
 - 1.1.2. Types of Existing Vaccines
 - 1.1.3. Vaccination Guidelines
- 1.2. Polio Vaccine
 - 1.2.1. Disease Characteristics
 - 1.2.2. Types of Existing Vaccines
 - 1.2.3. Vaccination Guidelines
- 1.3. Haemophilus Influenzae Type B Vaccine
 - 1.3.1. Disease Characteristics
 - 1.3.2. Types of Existing Vaccines
 - 1.3.3. Vaccination Guidelines
- 1.4. Hepatitis B Vaccinations
 - 1.4.1. Disease Characteristics
 - 1.4.2. Types of Existing Vaccines
 - 1.4.3. Vaccination Guidelines
- 1.5. Meningococcal ACWY Vaccine
 - 1.5.1. Disease Characteristics
 - 1.5.2. Types of Existing Vaccines
 - 1.5.3. Vaccination Guidelines





- 1.6. Pneumococcal Vaccine
 - 1.6.1. Disease Characteristics
 - 1.6.2. Types of Existing Vaccines
 - 1.6.3. Vaccination Guidelines
- 1.7. Measles, Rubella and Mumps Vaccination
 - 1.7.1. Disease Characteristics
 - 1.7.2. Types of Existing Vaccines
 - 1.7.3. Vaccination Guidelines
- 1.8. Influenza Vaccine
 - 1.8.1. Disease Characteristics
 - 1.8.2. Types of Existing Vaccines
 - 1.8.3. Vaccination Guidelines
- 1.9. Varicella Vaccine
 - 1.9.1. Disease Characteristics
 - 1.9.2. Types of Existing Vaccines
 - 1.9.3. Vaccination Guidelines
- 1.10. Human Papillomavirus Vaccine
 - 1.10.1. Disease Characteristics
 - 1.10.2. Types of Existing Vaccines
 - 1.10.3. Vaccination Guidelines



*A unique specialization experience,
key and decisive 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.





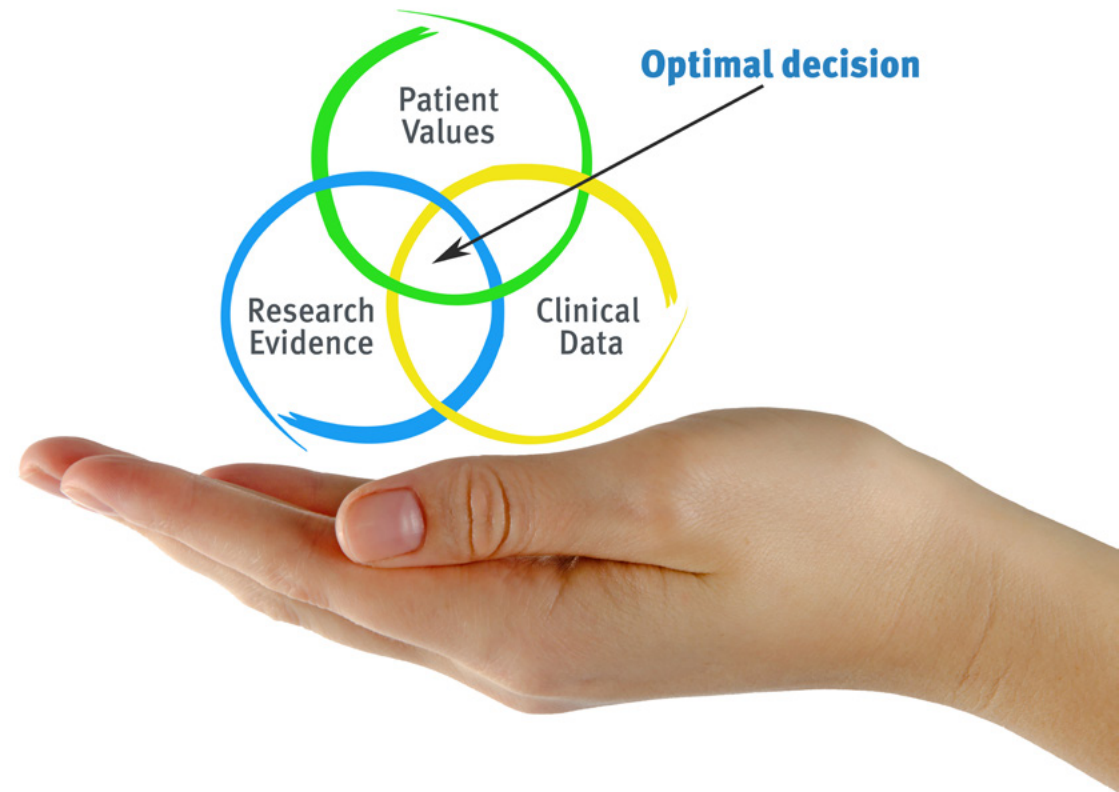
“

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. Gérvas, 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.

“

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 Routine Vaccines guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological 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 **Postgraduate Certificate in Routine 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.

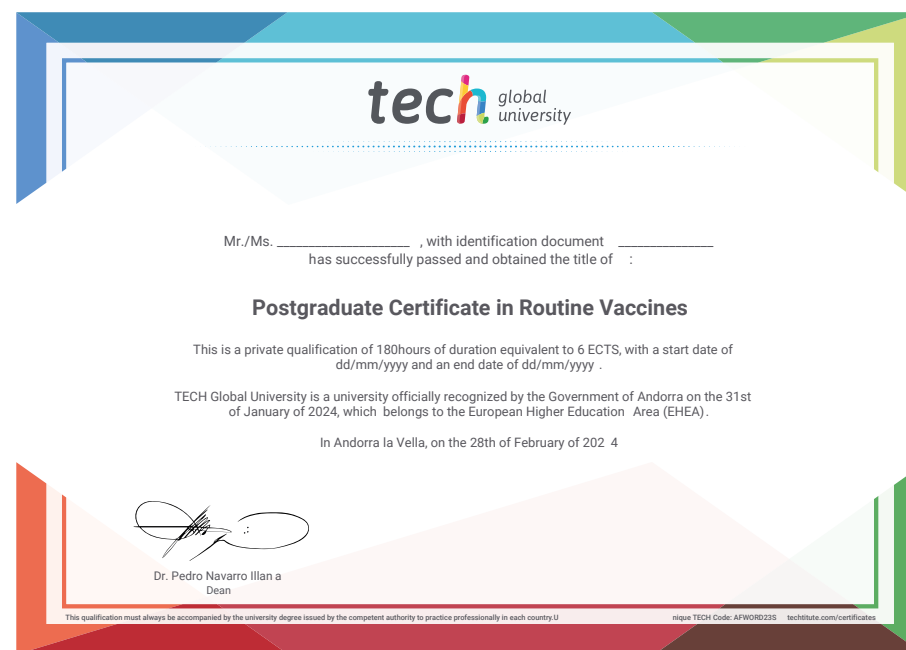
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Routine Vaccines**

Modality: **online**

Duration: **12 months**

Accreditation: **6 ECTS**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

virtual classroom

tech global
university

Postgraduate Certificate

Routine Vaccines

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate Routine Vaccines

