

Hybrid Professional Master's Degree

Vaccines for Nursing



Hybrid Professional Master's Degree Vaccines in Nursing

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Website: www.techtute.com/in/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-vaccines-nursing

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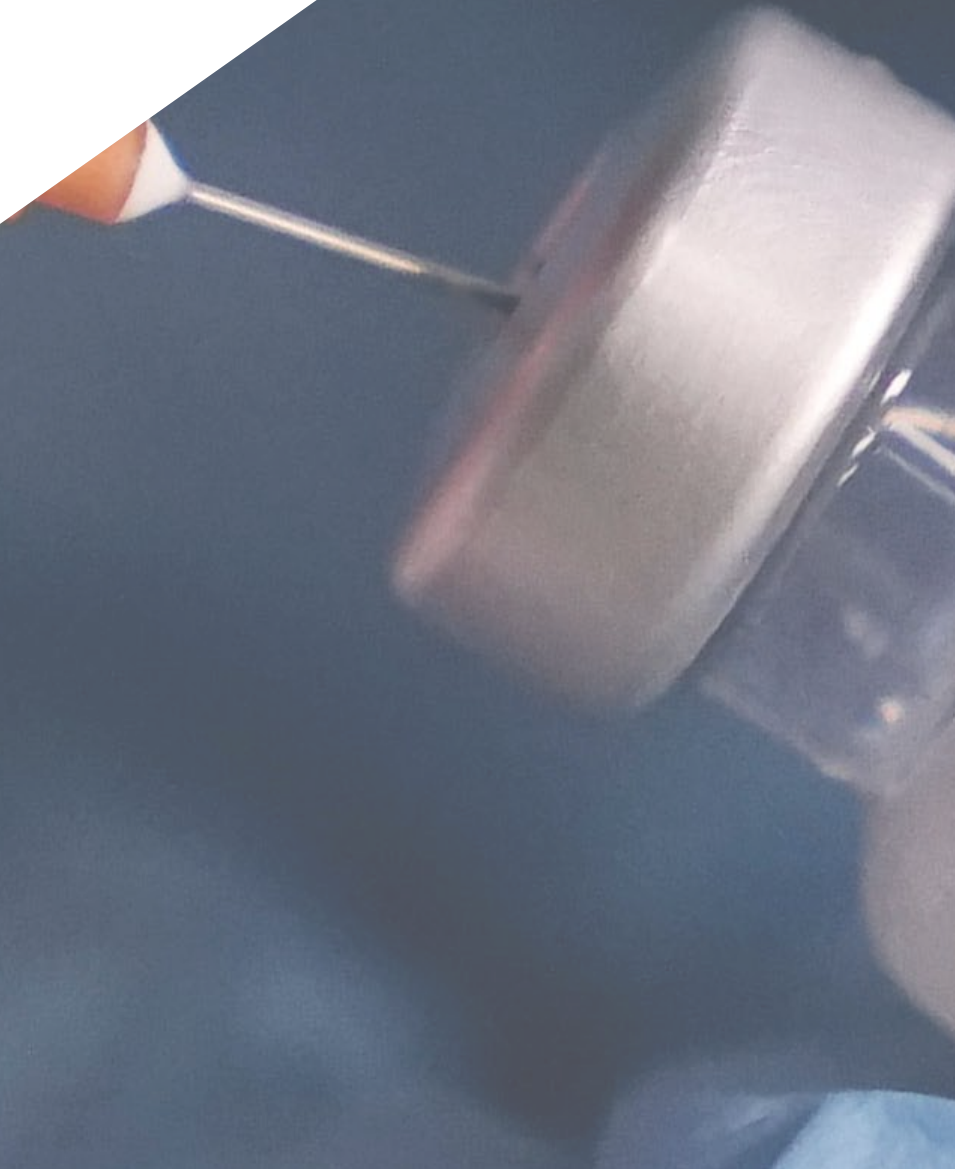
Certificate

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01

Introduction

The nursing professional plays a key role in the vaccination process for the correct immunization of the population. Their knowledge and expertise are essential in patient health care, from pre-vaccination assessment to post-vaccination monitoring. Hence the need to create academic proposals that help them achieve professional excellence. Therefore, this program combines the 100% online experience of the theoretical syllabus with a practical stay in a prestigious clinical center, making this degree the most complete and efficient option to up-to-date in the area of Vaccines for Nursing professionals.





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This innovative training model, which combines online studies with hands-on training, will help you achieve your career goals sooner than you expected"

Today, the nurse's work is intrinsic to the vaccination process. Therefore, it is necessary that these professionals acquire the appropriate knowledge and develop special skills to perform this practice correctly in all types of patients, always taking into account their particular health conditions.

In order to train nurses in the most relevant aspects of vaccines in nursing, TECH has designed this Hybrid Professional Master's Degree, which compiles all the necessary theoretical and practical information for those nurses who wish to know the updated methodologies and future developments concerning the vaccination process.

Understanding the basics of immunization, the possible emergencies that may arise during the process, as well as the particularities of systematic and non-systematic vaccines, vaccination in adults and children, vaccination in special situations and even knowing the best ways to keep updated through reliable Internet sites, among other important aspects, make up the agenda of this refresher program for nurses.

Through a number of multimedia resources, expert teachers will provide students with the appropriate content for their training. Helping them to easily and effectively achieve their professionalization goals. Everything under a 100% online modality and a study methodology based on Relearning, so that after having passed the theoretical evaluations, we can move forward with the practice.

Therefore, this program offers a stay in a prestigious center rigorously selected by TECH, so that the professional can be surrounded by the necessary experts and resources, which complement their learning, putting into practice in front of real cases. In 3 weeks, during 8 hours from Monday to Friday, you will get the experience you need to advance your performance level in vaccination processes.

This **Hybrid Professional Master's Degree in Vaccines for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of more than 100 clinical cases presented by nursing professionals with expertise in Vaccines
- ♦ 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
- ♦ Follow-up of the entire vaccination process, from the transport of the doses, their maintenance to their correct application
- ♦ Integral plans of systematized action for the vaccination of people with different pathologies
- ♦ Presentation of practical workshops on procedures diagnosis, and treatment techniques
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Practical clinical guides on approaching different pathologies
- ♦ With a special emphasis on evidence-based For Nursing and of Vaccines research methodologies
- ♦ All of this will be complemented by 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
- ♦ Furthermore, you will be able to carry out a clinical internship in a clinical center of great international prestige

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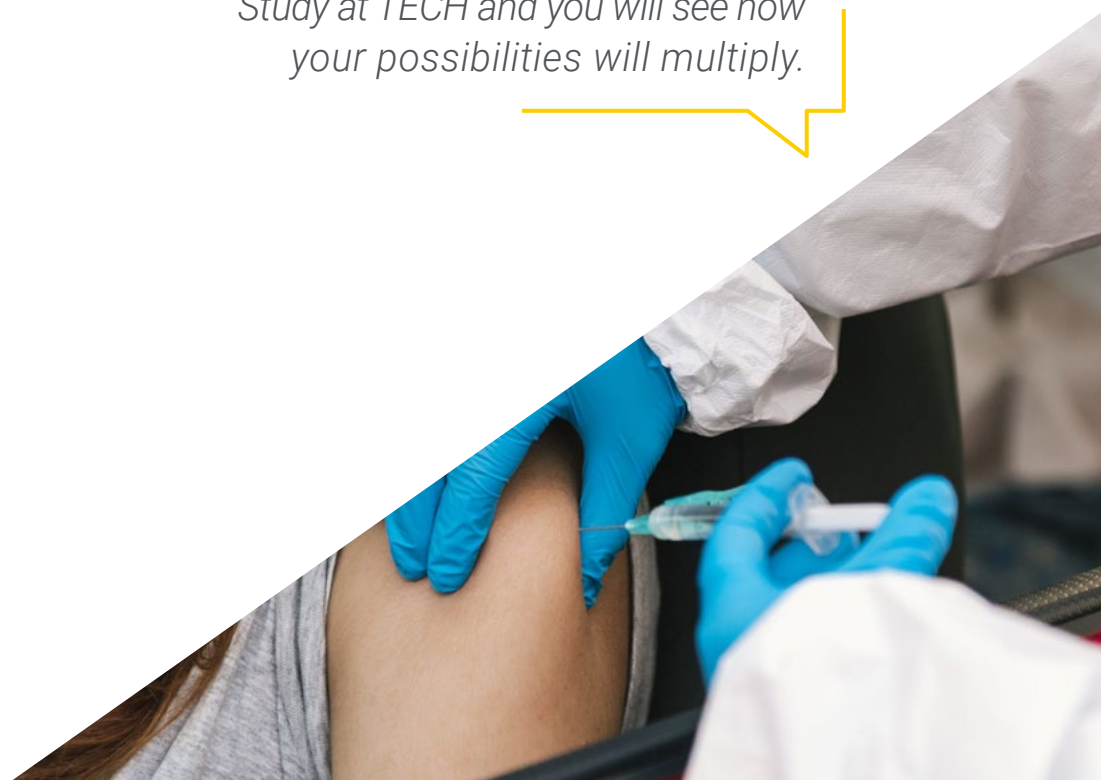
Take an intensive 3-week stay in a prestigious center and surround yourself with professionals who will immediately enhance your experience. Enroll now”

In this proposal for a Master's Degree, of a professionalizing nature and hybrid learning modality, the program is aimed at updating nursing professionals who perform their functions in Nutritional units, and who require a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

Thanks to multimedia content developed with the latest educational technology, professionals will Psychology a situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to prepare professionals for 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 reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of Intensive Care units who also have extensive teaching experience.

This Hybrid Professional Master's Degree will offer you the flexibility of 100% online study, with the opportunity to learn from an immersive system in a reputable healthcare center.

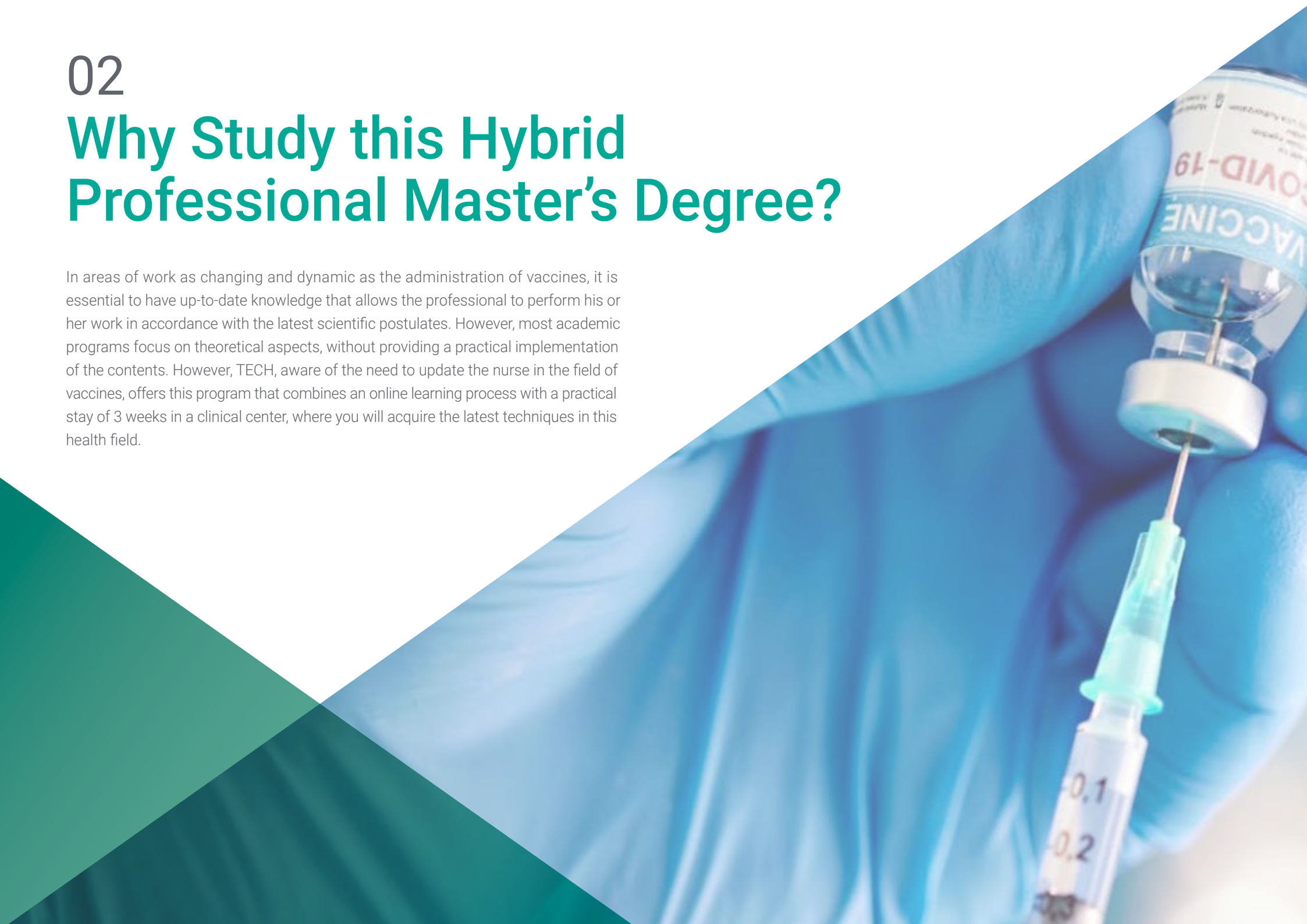
Start now your path to success. Study at TECH and you will see how your possibilities will multiply.



02

Why Study this Hybrid Professional Master's Degree?

In areas of work as changing and dynamic as the administration of vaccines, it is essential to have up-to-date knowledge that allows the professional to perform his or her work in accordance with the latest scientific postulates. However, most academic programs focus on theoretical aspects, without providing a practical implementation of the contents. However, TECH, aware of the need to update the nurse in the field of vaccines, offers this program that combines an online learning process with a practical stay of 3 weeks in a clinical center, where you will acquire the latest techniques in this health field.



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This program combines online learning with an intensive, hands-on placement at a prestigious clinical center to allow you to get up to speed on vaccine administration in a flexible and immediate manner”

1. Updating from the Latest Technology Available

Vaccines have made great advances in recent years, driven by the pandemic situation caused by Covid-19. Therefore, innovations such as RNA vaccines have been developed, opening up new scenarios for improving the health of the general population. For this reason, TECH offers nurses the possibility of a practical stay in a state-of-the-art clinical environment and up-to-date with these new techniques, in order to guarantee learning in accordance with the latest scientific and technological postulates.

2. Gaining In-depth Knowledge from the Experience of Top Specialists

This program not only offers an intensive and face-to-face internship, but also the possibility of receiving constant support from a team of professionals of reference in the field of Vaccine administration. This is a guarantee of unprecedented updating for the student, who will also have a specifically appointed tutor who will ensure that his or her stay is a profitable one.

3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs it offers will. Thanks to this, the Nurse will have guaranteed access to a prestigious clinical environment in the field of and the Primary Care Laboratory. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive area, always applying the latest theses and scientific postulates in its work methodology.





4. Combining the Best Theory with State-of-the-Art Practice

In order to enable nurses to apply the latest methods of vaccine administration as soon as possible, TECH has been in charge of orienting this program towards the professional field. In this way, the student will have the security of acquiring, directly and immediately, all the necessary skills to perform their work in accordance with the most recent advances in vaccination.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. This way, the specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH, the largest online university in the world, could offer.

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*You will have full practical immersion
at the center of your choice”*

03 Objectives

The main objective of this program is to offer the nurse a deep, contextual and complete learning that allows them to acquire the latest knowledge in protocols, methodologies and monitoring of the vaccination process in adult and pediatric patients, as well as new developments and models worldwide. This objective will be achieved through 12 months of intensive online study where, based on first-class teaching material, you will learn the singularities of the profession in a cross-cutting manner. After this, the nurse will have the privilege of taking a practical internship where they will be able to practice what they have learned in a real context, achieving their goals in an easier way.





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Join the most comprehensive immunization training for nursing professionals. You will achieve your goals in an agile and efficient way”



General Objective

- The main objective of this Hybrid Professional Master's Degree in Vaccines for Nursing is for health professionals to optimize their service to patients who require vaccination. For this reason, it has been designed with the best 100% online study methodology, complemented with practical training, which will allow the student to obtain the most up-to-date knowledge and develop the necessary skills, within an essential process in preventive medicine and public health. All this tutored by experts in the area and supported by the necessary resources throughout the learning process

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Knowing all about the vaccination process and enhancing your nursing skills will open numerous doors in the workplace. Enroll now”





Specific Objectives

Module 1. Fundamentals of Immunization

- ♦ Describe the history and major milestones of vaccination over time
- ♦ Know in depth the current vaccination status in our country and in the different countries of the world
- ♦ Establish the immunological bases on which to carry out the act of vaccination and the rationale for the same
- ♦ In-depth knowledge of the technologies used in the production of vaccines and their characteristics
- ♦ Establish the theoretical basis of vaccine safety, including the concept of pharmacovigilance and its practical application
- ♦ In-depth knowledge of how vaccines are created and the limitations of the process
- ♦ Determine the different compounds related to vaccines and their relationship with vaccines, such as adjuvants
- ♦ Identify the concept of vaccine response and how vaccine administration affects the body
- ♦ Recognize existing post-vaccine markers and their relationship to preventable disease

Module 2. Epidemiology of Immunization

- ♦ Contextualize the concept of epidemiology in in social environment
- ♦ Know in depth the different existing applications of epidemiology and the concept of causality
- ♦ Identify the concept of epidemiological surveillance, the existing application in vaccines and its importance in the health context

- ♦ Learn more about the different communicable diseases and their prevention, as well as their transmission mechanism
- ♦ Apply knowledge of health determinants and explanatory models of health in their daily practice to improve the quality of their care
- ♦ Deepen the concept of the ERCC, the coordinating center for health alerts and emergencies, and its functions
- ♦ Integrate the concept of epidemic curve in the current epidemiological context
- ♦ Determine the different existing theoretical explanatory models of health and their relationship with population health

Module 3. The Vaccine Process

- ♦ Understand the concept of health determinants and how they affect self-care and population health
- ♦ In-depth knowledge of the aspects of the vaccination process as a theoretical basis for learning the process itself, as well as its legal aspects
- ♦ Integrate cold chain knowledge into vaccine transport, control and preservation

- ♦ Correctly differentiate the different types of vaccines according to the classification determined between systematic and non-systematic vaccines and the different existing classifications
- ♦ Relate health safety in the concept of the vaccination process to the recording of vaccines in daily practice
- ♦ Identify the different patterns of vaccine administration, co-administration of vaccines with other products and existing vaccination routes
- ♦ Detect the real contraindications of vaccines versus false contraindications
- ♦ Integrate the necessary knowledge about vaccination emergencies to be able to act safely during daily practice

Module 4. Routine Vaccines

- ♦ Identify the different vaccines classified as routine vaccines within the existing immunization schedules
- ♦ To learn more about the characteristics of the vaccine against diphtheria, tetanus and pertussis. The different types of existing vaccines and the correct administration guidelines
- ♦ Relate disease characteristics to the diphtheria, tetanus and 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 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

Module 5. Non-Routine Vaccines-Not Funded

- ♦ 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 fever 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

Module 6. Nursing Methodology in Vaccines

- ♦ Identify the different stages of the nursing care process and apply it to the vaccination process
- ♦ Integrate the vaccination process within the nursing care process in a theoretical-practical way
- ♦ Know in depth the most appropriate standardized nursing diagnoses according to the current methodology within the vaccination process
- ♦ Apply the most appropriate nursing interventions for each situation within the vaccination process according to the NIC classification

- ♦ Relate the different types of prevention in a community context to the nursing vaccination process
- ♦ Integrate the vaccination process within the theoretical nursing specialization and in conjunction with advanced practice nursing
- ♦ Determine the actuality of nursing within immunization

Module 7. Adult Vaccination

- ♦ Gain an in-depth understanding of the numerous adult vaccination schedules existing in our healthcare environment and the main differences between them
- ♦ Integrate the bases on which the concept of the vaccination schedule is based within the disease prevention and health promotion strategies of the different health systems
- ♦ Specialize in the main vaccines, their characteristics and the correct vaccination schedule for the adult population between 19 and 64 years of age
- ♦ Correctly differentiate the changes within the vaccination schedule in the elderly population with respect to the adult population
- ♦ In-depth knowledge of the main vaccines, their characteristics and the correct vaccination schedule for the population over 64 years of age
- ♦ Understand in depth the characteristics of pregnant women in relation to the vaccination process

- ♦ Integrate the concept of vaccine correction in the adult population
- ♦ Determine the correct vaccination schedule to be established in adults living with patients with pathology at risk
- ♦ Apply the actions to be carried out by the nurse in case of post-exposure prophylaxis
- ♦ Identify the differences in the application of the vaccination process in women offering breastfeeding compared to the rest of the population
- ♦ Correctly differentiate the changes in the vaccination schedule in the healthcare population with respect to the rest of the population

Module 8. Child Vaccination

- ♦ Gain an in-depth understanding of the numerous pediatric immunization schedules existing in our healthcare environment and the main differences between them
- ♦ Integrate the bases on which the concept of the paediatric vaccination schedule is based within the disease prevention and health promotion strategies of the different health systems
- ♦ Differentiate the stages of vaccination at the pediatric level, from primary vaccination to booster vaccines
- ♦ Specialize in the main vaccines, their characteristics and the correct vaccination schedule for the pediatric population aged 0-12 months
- ♦ In-depth knowledge of the main vaccines, their characteristics and the correct vaccination schedule for the pediatric population between 12 months -4 years of age
- ♦ In-depth knowledge of the main vaccines, their characteristics and the correct vaccination schedule for the pediatric population aged 4-14 years
- ♦ Specialize in the main vaccines, their characteristics and the correct vaccination schedule for the adolescent population

- ♦ Know in depth the differences in the vaccination process in an infant considered premature according to current standards with respect to full-term infants
- ♦ Determine the concept of a global immunization strategy GIVS
- ♦ Recognize the myths and false beliefs that exist within the pediatric vaccination process

Module 9. Vaccination in Special Situations

- ♦ Determine the situations that require the creation of an accelerated vaccination schedule at different life stage
- ♦ Establish accelerated vaccination schedules adapted to the specific situations that require them
- ♦ Deepen in the main differences in the vaccination process in a pediatric patient with primary immunodeficiencies with respect to a pediatric patient without them
- ♦ Establish a correct vaccination schedule in pediatric patients with primary immunodeficiencies
- ♦ Specialize in the main differences in the vaccination process in a pediatric patient with anatomical or functional asplenia compared to a pediatric patient without it
- ♦ Establish a correct vaccination schedule in pediatric patients with anatomical or functional asplenia
- ♦ Know in depth the main differences in the vaccination process in a pediatric patient with HIV compared to a pediatric patient without the infection
- ♦ Establish a correct vaccination schedule in pediatric patients with VIH
- ♦ Deepen in the main differences in the vaccination process in a pediatric patient with cancer with respect to a pediatric patient without cancer

- ♦ Establish a correct vaccination schedule in pediatric patients with cancer
- ♦ Deepen in the main differences in the vaccination process in a pediatric patient with solid organ or hematopoietic transplant compared to a pediatric patient without them
- ♦ Establish a correct vaccination schedule in pediatric patients with solid organ or hematopoietic transplantation
- ♦ Know in depth the main differences in the vaccination process in a pediatric patient with down syndrome with respect to a pediatric patient without it
- ♦ Establish a correct vaccination schedule in pediatric patients with down syndrome
- ♦ Manage the main differences in the vaccination process in an immigrant/migrant patient
- ♦ Establish a correct vaccination schedule in immigrant/migrant patients
- ♦ Establish a correct vaccination schedule in patients considered international travellers
- ♦ Identify basic health education information for international travelers
- ♦ Deepen in the main differences in the vaccination process in healthcare personnel
- ♦ Have an in-depth knowledge of the current anti-vaccine movements and what should be a correct approach in daily practice
- ♦ Relate the current epidemiological situation to the COVID-19 situation and vaccines
- ♦ Become familiar with the different sources of reliable information available on the web about vaccines in order to be able to pass it on to patients at a later date
- ♦ Identify the Vaccine Safety Network concept and know its theoretical basis
- ♦ Establish different basic tips when finding reliable scientific information about vaccines on the Internet

Module 10. The Future of Vaccines

- ♦ Know the different vaccines currently being created in the world and where they are in the process
- ♦ Relate the vaccination process to how it is exposed to the rest of the world through the media in its different ways
- ♦ Establish the basis of the concept called reverse vaccinology and to know the genome concept
- ♦ Identify the different vaccination strategies existing worldwide by the different existing organizations and their most important differences

04 Skills

After having passed the program designed for this Hybrid Professional Master's Degree in Vaccines for Nursing, students will be able to execute and follow the whole vaccination process in an efficient way. Becoming a reference within their work environment, by acquiring the skills required to properly care for patients who come to the immunization service.





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Nursing is one of the most important professions in health care and vaccination fundamental to public health. Combining the best expertise will help you provide optimal service to your patients"



General Skills

- Perform this vaccination process safely, improving the quality of care you provide to your patients
- Counsel patients in health education

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Boost your career path with holistic teaching, allowing you to advance both theoretically and practically”





Specific Skills

- ◆ Know the foundations of immunity and the vaccination process
- ◆ Have a broad knowledge of epidemiology
- ◆ Carry out the vaccination process safely
- ◆ Know which vaccines are included in the different existing vaccination schedules, what these vaccines are used for, what prevention measures exist for this disease and what types of vaccines exist for each of these diseases
- ◆ Conduct a health education intervention on vaccines
- ◆ Integrate the vaccination process into the nursing care process
- ◆ Know some specific circumstances within the group of adults when performing the vaccination process, such as the administration of vaccines in pregnant women and during breastfeeding
- ◆ Act safely in the vaccination process in children, improving the quality of their care
- ◆ Providing patients with tools to improve their self-care in health

05

Course Management

TECH has assembled a full team of faculty with reputable expertise in the area of Primary nursing and Care. They will offer their most outstanding experiences, as well as their knowledge in the area of vaccination. The support they will provide to the student will be fundamental to achieve the goals within the 100% online learning process, as well as the evaluation until the end of the the goals within the 100% online learning process, as well as their evaluation until the end of this face-to-face Master.





“

Professional nursing experts will accompany you throughout the learning process to transmit all their experience in the area of vaccine administration"

Management



Ms. Hernández Solís, Andrea

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



Professors

Ms. Anula Morales, Irene

- ◆ Nurse Specialist at the Mental Health Unit of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- ◆ Nurse specialist in in Mental Health the Foundation for the Development of Nursing. (FUDEN)
- ◆ Nurse Specialist in the Mid-Stay Unit for Adolescents with Severe Mental Disorder at Casta Salud
- ◆ Nephrology Nurse Unit of Acute of the university Fundación Jiménez Díaz Hospital
- ◆ Nurse in the Infant-Juvenile Short Stay Unit at HUPHM
- ◆ Diploma in Nursing from the Autonomous University of Madrid

Ms. Rodrigues Fernández, Erica

- ◆ Nurse Pediatrician and Neonatology Specialist
- ◆ Neonatal Nurse the Fundación from Alcorcón University Hospital
- ◆ Nurse Pediatric at El Restón Health Center
- ◆ Radiology Room Nurse in Puerta de Hierro Majadahonda University Hospital
- ◆ Nurse of Intensive Care of the Puerta de Hierro Hospital Majadahonda
- ◆ Diploma in Nursing from the Autonomous University of Madrid

06

Educational Plan

The syllabus of this Hybrid Professional Master's Degree includes 10 modules that cover from the basics of vaccination, the process from the transport of vaccines, their maintenance, understanding the vaccination schedule and the care of children and adults with different physical, mental and emotional conditions, to knowing everything about vaccines in Therefore, the health professional will have the knowledge required to further their career, both nationally and internationally. All through the most innovative methodology and state-of-the-art multimedia resources.



“

TECH has the most complete and up-to-date scientific program on the market, so you can quickly get up to speed and then put those advances into practice in a real clinical setting”

Module 1. Fundamentals of Immunization

- 1.1. History and Milestones of Vaccination
 - 1.1.1. Most Important Vaccination Milestones
- 1.2. Current Status of Vaccines in Spain and the World
- 1.3. Fundamentals and Immunological Basis of Vaccines
- 1.4. Vaccine Production Technologies
- 1.5. Vaccine Safety
 - 1.5.1. Features for Safe Vaccination
- 1.6. Pharmacovigilance in Vaccines
 - 1.6.1. Vaccine Surveillance Network
- 1.7. Vaccine Development
- 1.8. Vaccine Adjuvants and Other Compounds
 - 1.8.1. Types of Adjuvant Vaccines
 - 1.8.2. Vaccine Stabilizers
- 1.9. Vaccine Response
- 1.10. Post-vaccination Markers
 - 1.10.1. Types of Vaccine Markers
 - 1.10.2. Interpretation of Vaccine Markers

Module 2. Epidemiology of Immunization

- 2.1. Epidemiology in the Spanish Context
 - 2.1.1. Epidemiology in the Beginnings of Public Health
 - 2.1.2. Epidemiology in the Consolidation Stage
- 2.2. Application of Epidemiology Causality
 - 2.2.1. Koch-Henle Model
 - 2.2.2. Bradford-Hill Model
 - 2.2.3. Rothman Model
 - 2.2.4. Hume Model
- 2.3. Epidemiological Surveillance
 - 2.3.1. RENAVE Vaccine Surveillance Network
 - 2.3.2. Sentinel Physicians
 - 2.3.3. Mandatory Disease Reporting

- 2.4. Transmissible Diseases
 - 2.4.1. Most Prevalent Communicable Diseases
 - 2.4.2. Transmissible Digestive Transmitted Diseases
 - 2.4.3. Transmissible Diseases Transmitted Through Contact
- 2.5. Epidemiological Chain in Transmissible Diseases
 - 2.5.1. Stages Within the Epidemiological Chain
- 2.6. Coordinating Center for Health Alerts and Emergencies CCAES
 - 2.6.1. National Early Warning and Rapid Alert System (EWRS)
 - 2.6.2. Epidemiological Intelligence
- 2.7. Epidemiological Health Surveys
 - 2.7.1. Design of Epidemiological Surveys
 - 2.7.2. Seroprevalence Surveys
- 2.8. Epidemic Curves
 - 2.8.1. How to Design Epidemic Curves
- 2.9. Theoretical Explanatory Models of Health
 - 2.9.1. Applications of Health Models
- 2.10. Health Determinants
 - 2.10.1. How the Determinants of Health Affect the Population

Module 3. The Vaccine Process

- 3.1. Basic Aspects of Vaccination
 - 3.1.1. What Is the Vaccination Process
- 3.2. Legal Aspects of Vaccination
 - 3.2.1. Institutions Involved in the Vaccination Process
- 3.3. Transport and Storage of Vaccines
 - 3.3.1. Cold Chain
 - 3.3.2. Elements Involved in the Transport and Conservation of Vaccines
- 3.4. Vaccine Classification
 - 3.4.1. Types of Vaccine Classification
 - 3.4.2. Viral and Bacterial Vaccines
 - 3.4.3. Attenuated and Inactivated Vaccines
- 3.5. Routine Vaccines
 - 3.5.1. What Are Routine Vaccines
 - 3.5.2. Vaccines Included in Routine Immunizations

- 3.6. Non-routine Vaccines
 - 3.6.1. What Are Non-routine Vaccines
 - 3.6.2. Vaccines Included in Non-routine Vaccination
 - 3.7. Vaccine Safety
 - 3.8. Vaccine Administration and Registration
 - 3.8.1. Process of Vaccine Registration
 - 3.8.2. Process of Vaccine Administration
 - 3.9. vaccine of Vaccines and Other Biological Products
 - 3.9.1. Vaccination Intervals Between Vaccines and Other Biological Products
 - 3.9.2. Vaccination Intervals Between Vaccines and Between Doses of the Same Vaccine
 - 3.10. Vaccination Routes
 - 3.10.1. Different Existing Vaccination Routes
 - 3.11. Contraindications and Adverse Effects of Vaccines
 - 3.11.1. False Contraindications in Vaccines
 - 3.11.2. Relative Contraindications in Vaccination
 - 3.11.3. Absolute Contraindications in Vaccination
 - 3.11.4. Most Frequent Adverse Effects in Vaccination
 - 3.12. Vaccination Emergencies
 - 3.12.1. Possible Emergencies in the Vaccination Process
 - 3.12.2. Nursing Action in the Event of an Emergency During Vaccination
- Module 4. Routine Vaccines**
- 4.1. Diphtheria-Tetanus-Pertussis Vaccine
 - 4.1.1. Disease Characteristics
 - 4.1.2. Types of Existing Vaccines
 - 4.1.3. Vaccination Guidelines
 - 4.2. Polio Vaccine
 - 4.2.1. Disease Characteristics
 - 4.2.2. Types of Existing Vaccines
 - 4.2.3. Vaccination Guidelines
 - 4.3. Haemophilus Influenzae Type B Vaccine
 - 4.3.1. Disease Characteristics
 - 4.3.2. Types of Existing Vaccines
 - 4.3.3. Vaccination Guidelines
 - 4.4. Hepatitis B Vaccinations
 - 4.4.1. Disease Characteristics
 - 4.4.2. Types of Existing Vaccines
 - 4.4.3. Vaccination Guidelines
 - 4.5. Meningococcal Vaccine W/Acwy
 - 4.5.1. Disease Characteristics
 - 4.5.2. Types of Existing Vaccines
 - 4.5.3. Vaccination Guidelines
 - 4.6. Pneumococcal Vaccine
 - 4.6.1. Disease Characteristics
 - 4.6.2. Types of Existing Vaccines
 - 4.6.3. Vaccination Guidelines
 - 4.7. Measles, Rubella and Mumps Vaccination
 - 4.7.1. Disease Characteristics
 - 4.7.2. Types of Existing Vaccines
 - 4.7.3. Vaccination Guidelines
 - 4.8. Influenza Vaccine
 - 4.8.1. Disease Characteristics
 - 4.8.2. Types of Existing Vaccines
 - 4.8.3. Vaccination Guidelines
 - 4.9. Varicella Vaccine
 - 4.9.1. Disease Characteristics
 - 4.9.2. Types of Existing Vaccines
 - 4.9.3. Vaccination Guidelines
 - 4.10. Human Papillomavirus Vaccine
 - 4.10.1. Disease Characteristics
 - 4.10.2. Types of Existing Vaccines
 - 4.10.3. Vaccination Guidelines

Module 5. Non-routine Vaccines - Not Funded

- 5.1. Vaccine Allergies
 - 5.1.1. Disease Characteristics
 - 5.1.2. Types of Existing Vaccines
 - 5.1.3. Vaccination Guidelines
- 5.2. Hepatitis A Vaccine
 - 5.2.1. Disease Characteristics
 - 5.2.2. Types of Existing Vaccines
 - 5.2.3. Vaccination Guidelines
- 5.3. Rabies Vaccine
 - 5.3.1. Disease Characteristics
 - 5.3.2. Types of Existing Vaccines
 - 5.3.3. Vaccination Guidelines
- 5.4. Rotavirus Vaccine
 - 5.4.1. Disease Characteristics
 - 5.4.2. Types of Existing Vaccines
 - 5.4.3. Vaccination Guidelines
- 5.5. Japanese Encephalitis Vaccine
 - 5.5.1. Disease Characteristics
 - 5.5.2. Types of Existing Vaccines
 - 5.5.3. Vaccination Guidelines
- 5.6. Yellow Fever Vaccine
 - 5.6.1. Disease Characteristics
 - 5.6.2. Types of Existing Vaccines
 - 5.6.3. Vaccination Guidelines
- 5.7. Typhoid Fever Vaccine
 - 5.7.1. Disease Characteristics
 - 5.7.2. Types of Existing Vaccines
 - 5.7.3. Vaccination Guidelines
- 5.8. Cholera Vaccine
 - 5.8.1. Disease Characteristics
 - 5.8.2. Types of Existing Vaccines
 - 5.8.3. Vaccination Guidelines

- 5.9. Tuberculosis Vaccine
 - 5.9.1. Disease Characteristics
 - 5.9.2. Types of Existing Vaccines
 - 5.9.3. Vaccination Guidelines
- 5.10. Meningococcal B Vaccine
 - 5.10.1. Disease Characteristics
 - 5.10.2. Types of Existing Vaccines
 - 5.10.3. Vaccination Guidelines

Module 6. Nursing Methodology in Vaccines

- 6.1. History of Nursing in Immunization
 - 6.1.1. The Nursing Care Process
 - 6.1.2. Stages Within the Nursing Care Process
- 6.2. Vaccination Within the Eap
- 6.3. Most Commonly Used Nursing Diagnoses in Vaccination
 - 6.3.1. Diagnósticos de Enfermería Más Utilizados en la Vacunación
- 6.4. Nursing Interventions in the Vaccination Process
 - 6.4.1. Most Frequent CINs Used in the Vaccination Process
- 6.5. Existing Types of Prevention and Application in the Vaccination Process
 - 6.5.1. Primary Prevention in the Vaccination Process
 - 6.5.2. Secondary Prevention in the Vaccination Process
 - 6.5.3. Tertiary Prevention in the Vaccination Process
 - 6.5.4. Quaternary Prevention in the Vaccination Process
- 6.6. Immunization in Nursing Specialization
- 6.7. Nursing News on Immunization

Module 7. Adult Vaccination

- 7.1. Adult Immunization Schedules
 - 7.1.1. Characteristics of a Vaccination Schedule
 - 7.1.2. Vaccination Schedules in the Adult Population
- 7.2. Vaccination Calendars of the Different Autonomous Regions
 - 7.2.1. List of the Different Calendars Existing in the Different Autonomous Communities

- 7.3. Vaccines From 19 to 64 Years Old
 - 7.3.1. Recommended Vaccines in Adult Population Between 19-64 Years Old
- 7.4. Vaccination > 64 Years
 - 7.4.1. Recommended Vaccines in Adults Older Than 64 Years of Age
- 7.5. Vaccination of Pregnant Women
 - 7.5.1. Vaccines Recommended for Pregnant Women
 - 7.5.2. Characteristics of Vaccination for Pregnant Women
- 7.6. Vaccination During Breastfeeding
 - 7.6.1. Specific Characteristics of Vaccination during Breastfeeding
- 7.7. Vaccine Adaptation in Adult Population
 - 7.7.1. Calendar Correction in Adult Population
- 7.8. Vaccination of Adults Living with Patients with Risk Pathology
- 7.9. Prophylactic Post-Exposure Vaccination
- 7.10. Vaccination in Healthcare Personnel

Module 8. Child Vaccination

- 8.1. Global Immunization Vision and Strategy (GIVS)
- 8.2. Pediatric Vaccine Schedules
 - 8.2.1. Characteristics of a Vaccination Schedule
 - 8.2.2. Vaccination Schedules in the Paediatric Population
- 8.3. Vaccination Between 0-12 Months
 - 8.3.1. Recommended Vaccines in the Paediatric Population Between 0-12 Months
- 8.4. Vaccination Between 12 Months and 4 Years Old
 - 8.4.1. Recommended Vaccines in Paediatric Population Between 12 months and 4 Years Old
- 8.5. Vaccination Between 4-14 Years Old
 - 8.5.1. Recommended Vaccines in the Paediatric Population Between 4-14 Years Old
- 8.6. Adolescent Vaccination
 - 8.6.1. Recommended Vaccines in Adolescent Pediatric Population

- 8.7. Vaccination of the Premature Infant
 - 8.7.1. Characteristics Specific to Vaccination of the Preterm Infant
 - 8.7.2. Recommended Vaccines in Pre-term Pediatric Population
- 8.8. Non-pharmacological Methods in Pain Control
 - 8.8.1. Breastfeeding as a Nonpharmacologic Method for Vaccination Pain
- 8.9. Vaccine Adaptation in Children
 - 8.9.1. Calendar Correction in Children
 - 8.9.2. Calendar Correction in Immigrant Children
- 8.10. Myths and False Beliefs in Childhood Immunization

Module 9. Vaccination in Special Situations

- 9.1. Accelerated Vaccination
 - 9.1.1. Situations Requiring Adaptation of Vaccination
 - 9.1.2. Adaptive Learning of Accelerated Vaccination
- 9.2. Vaccination in the Pediatric Patient with Primary Immunodeficiencies
 - 9.2.1. Vaccination Recommended for Pediatric Patients with Primary Immunodeficiencies
 - 9.2.2. Characteristics of Vaccination of Pediatric Patients with Primary Immunodeficiencies
- 9.3. Vaccination in the Pediatric Patient with Anatomic or Functional Asplenia
 - 9.3.1. Recommended Vaccines in Pediatric Patients with Anatomic or Functional Asplenia
 - 9.3.2. Characteristics of Vaccination in Pediatric Patients with Anatomical or Functional Asplenia
- 9.4. Vaccinations for Pediatric Patients With HIV
 - 9.4.1. Vaccination Recommended for Pediatric Patients with HIV
 - 9.4.2. Characteristics of Vaccination of Pediatric Patients with HIV
- 9.5. Vaccinations for Pediatric Patients With Cancer
 - 9.5.1. Recommended Vaccinations for Pediatric Patients with Cancer
 - 9.5.2. Characteristics of Vaccinations for Pediatric Patients with Cancer

- 9.6. Vaccination in the Pediatric Patient With Solid Organ or Hematopoietic Transplantation
 - 9.6.1. Recommended Vaccines for Pediatric Patients With Solid Organ or Hematopoietic Transplants
 - 9.6.2. Characteristics of Vaccinations for Pediatric Patients With Solid Organ or Hematopoietic Transplants
- 9.7. Vaccinations for Chronic Pediatric Patients
 - 9.7.1. Recommended Vaccinations for Chronic Pediatric Patients
 - 9.7.2. Characteristics of Vaccinations for Chronic Pediatric Patients
- 9.8. Vaccinations for Pediatric Patients With Down Syndrome
 - 9.8.1. Recommended Vaccinations for Pediatric Patients with Down Syndrome
 - 9.8.2. Characteristics of Vaccinations for Pediatric Patients with Down Syndrome
- 9.9. Immigrant, Refugee or Adopted Population Vaccination
- 9.10. International Traveler's Vaccination
 - 9.10.1. Vaccines to Be Administered When Traveling to Tropical Countries

Module 10. The Future of Vaccines

- 10.1. Vaccines in Development
 - 10.1.1. Different Vaccines Currently in Development
- 10.2. Vaccines and the Media
- 10.3. Reverse Vaccinology: Genome
 - 10.3.1. What Is the Genome
 - 10.3.2. Concept of Reverse Vaccinology
- 10.4. Global Vaccination Strategy
- 10.5. Anti-vaccine Movements Situation and Approach
- 10.6. Vaccines and COVID-19
 - 10.6.1. Vaccine and COVID-19
- 10.7. Vaccine Safety Network
- 10.8. Vaccine Web Query
- 10.9. Vaccine Website Credibility
 - 10.9.1. Tips for Checking the Reliability of a Vaccine Website
- 10.10. Tips for Finding Reliable Information Online
 - 10.10.1. Practical Tips for Finding Reliable Online Health Information





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This program contains the latest advances in immunology and administration of systemic and non-systemic vaccines”

07

Clinical Internship

After passing the online theoretical learning process and having passed the corresponding evaluations, the Hybrid Professional Master's Degree includes a period of practical training in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them during the whole process thus guaranteeing, their correct development in the development of the clinical practice.



“

TECH offers you a unique program that combines the best theoretical contents 100% online, with a face-to-face stay in a prestigious health center”

This Hybrid Professional Master's Degree in Vaccines in Nursing allows the student to carry out a 3-week practical training in a prestigious hospital center. There you will be able to see firsthand the vaccination procedure from the beginning to the delivery of the immunization dose. It should be noted that this practical training period will be tutored by experts from the same health center.

This practical training includes an 8-hour day from Monday to Friday, which will allow the professional to see real cases alongside a professional reference team in the nursing area, applying the most innovative state-of-the-art procedures.

the activities are aimed at developing and perfecting the skills necessary for the provision of Pharmacodynamics. care in areas and conditions that require a high level of qualification, and are oriented towards specific training for the exercise of the activity, in a safe environment and high professional performance.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of the professors and other training partners that facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of vaccines in nursing (learning to be and learning to relate).



The procedures described below will form the basis of the practical part of the training, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:

Module	Practical Activity
Techniques and methodologies vaccination	Ensure proper transportation and conservation of vaccines by maintaining the cold chain
	Record vaccines after administration, in accordance with the EAP
	Patient assessment and management of adverse effects of vaccines
	Administer routine vaccines such as Diphtheria-Tetanus-Pertussis, Hepatitis B, Influenza or Human Papilloma Virus
	Administer vaccines in adults, taking into account their age range and other clinical circumstances such as pregnancy and lactation
	Administer vaccines in children, following the vaccination schedule, and taking into account the particularities of each age range
Procedures of Nursing in Immunization	Handle Vaccines safely, following the protocols dictated by health authorities
	Assess and identify, from a nursing point of view, patients susceptible to contracting communicable diseases, proposing the administration of specific vaccines as a method of prevention
	Perform Epidemiological Health Surveys
Vaccination processes in non-systematic vaccines and special situations and special situations	To administer non-systematic or non-funded vaccines, taking into account their particularities in terms of conservation and application
	Characteristics of Vaccination of Pediatric Patients with Primary Immunodeficiencies
	Manage Vaccination in the Pediatric Patient with Anatomic or Functional Asplenia
	Vaccinate pediatric patients with HIV or cancer
	And following clinical protocols. Vaccinations for Pediatric Patients With Solid Organ or Hematopoietic Transplants

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions for Practical Training

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

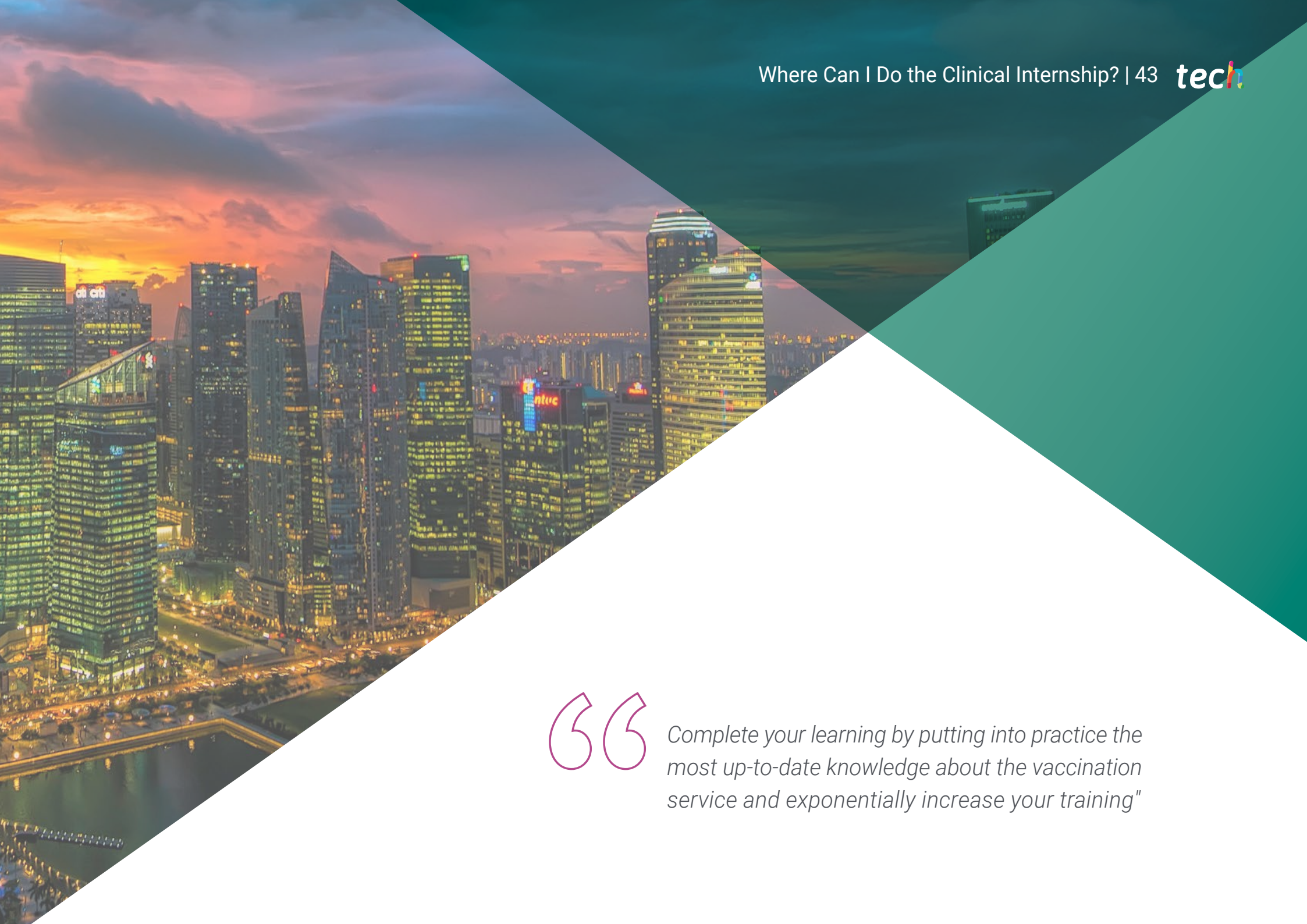
However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

Where Can I Do the Clinical Internship?

This Hybrid Professional Master's Degree includes in its program of activities, a practical stay in a health center equipped with all the necessary means, where the nurse will put into practice what they have learned in the field of vaccination. In this sense, and in order to bring this degree to more professionals, TECH offers students the opportunity to attend real cases, during 3 weeks in person and guided by a team of experts who ensure a quality and affordable education for all professionals who wish to evolve in their profession.



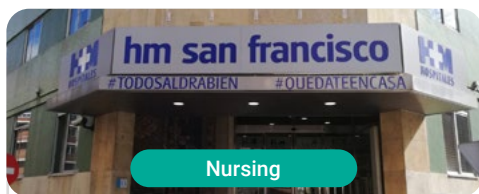


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Complete your learning by putting into practice the most up-to-date knowledge about the vaccination service and exponentially increase your training”



The student will be able to complete the practical part of this Hybrid Professional Master's Degree at the following centers:



Nursing

Hospital HM San Francisco

Country	City
Spain	León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



Nursing

Hospital HM Regla

Country	City
Spain	León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update on Psychiatric Treatment in Minor Patients



Nursing

Hospital HM Madrid

Country	City
Spain	Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Anaesthesiology and Resuscitation



Nursing

Hospital HM Montepríncipe

Country	City
Spain	Madrid

Address: Av. de Montepríncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Nursing

Hospital HM Torrelodones

Country	City
Spain	Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Puerta del Sur

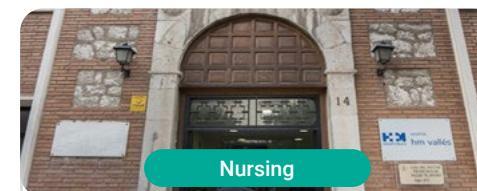
Country	City
Spain	Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



Nursing

Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Nursing

Clínica Virgen del Camino

Country	City
Spain	Madrid

Address: Paseo de las Delicias, 150, 28045 Madrid

Clínica Virgen del Camino, 45 years of health care

Related internship programs:

- Occupational Nursing
- Diagnosis in Physiotherapy



Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology"

09

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.

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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.



10 Certificate

The Hybrid Professional Master's Degree in Vaccines for Nursing, in addition to the most rigorous and up-to-date training, access to a Hybrid Professional Master's Degree 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 **Hybrid Professional Master's Degree in Vaccines for Nursing** contains the most complete and up-to-date program on the professional and academic field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery*.

In addition to the certificate, students will be able to obtain an academic transcript, as well as a diploma outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

Title: **Hybrid Professional Master's Degree in Vaccines for Nursing**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1,620 hours.**



*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.



Hybrid Professional Master's Degree Vaccines in Nursing

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Hybrid Professional Master's Degree

Vaccines for Nursing

