

# Postgraduate Certificate

## Vulnerability Situations for Public Health



## Postgraduate Certificate Vulnerability Situations for Public Health

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

Website: [www.techtute.com/us/medicine/postgraduate-certificate/vulnerability-situations-public-health](http://www.techtute.com/us/medicine/postgraduate-certificate/vulnerability-situations-public-health)

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# 01

# Introduction

Situations of vulnerability for public health represent a critical global challenge, disproportionately affecting marginalized communities. According to the World Health Organization, approximately 30% of the population lacks access to essential healthcare services, a situation exacerbated by factors such as poverty, lack of education and discrimination. Moreover, recent health crises have amplified these vulnerabilities, with low- and middle-income nations experiencing significantly higher infection and mortality rates due to poor or less prepared systems. For this reason, TECH has created a rigorous program, which addresses in depth the most relevant aspects of this field, with an emphasis on all disadvantaged groups, through comprehensive material and the disruptive Relearning methodology.

A close-up photograph of a human eye with a contact lens. The eye is light-colored, and the contact lens is visible on the surface. The image is partially obscured by a dark blue diagonal shape that extends from the top right towards the center.

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*With this Postgraduate Certificate you will delve into the context of multiple situations of Vulnerability for Public Health, such as immigration, mental wellbeing and childhood”*

Public Health in Situations of Vulnerability is a vitally important topic, as it affects specific population groups that face significant barriers to accessing optimal health services. Among these groups are the working poor, the elderly, and migrant populations, each facing unique challenges that require specific interventions. In this sense, TECH has designed a specialized program that aims to provide physicians a broad vision, so that they can update their knowledge and face the challenges of this area of knowledge.

Graduates will have an impact on occupational health issues, where workers in precarious conditions often face risks due to the lack of safety measures and limited access to health services. The International Labor Organization estimates that approximately 2.78 million workers die each year due to occupational accidents and work-related diseases, highlighting the importance of strengthening health and safety policies to protect these individuals.

Likewise, students of this Postgraduate Certificate will be able to analyze other situations of Vulnerability for Public Health that require a broad knowledge to address them from a multidisciplinary perspective. They will delve into nutritional problems, such as diabetes, hypertension or malnutrition, focusing on their effects on global health, as well as on mental health promotion processes, aging and geriatric syndromes.

At the same time, they will be able to update their knowledge 100% online, at their own pace and from anywhere, by means of multimedia and interactive material, which presents the syllabus in an attractive way. In addition, they will have at their disposal an innovative and revolutionary methodology: Relearning. This method will combine the maximum pedagogical rigor, the highest academic demands and the latest educational technology.

This **Postgraduate Certificate in Vulnerability Situations for Public Health** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Public Health and Health Management
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Specialize with a 100% online program, thanks to the innovative Relearning methodology, in which TECH is a pioneer”*



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*Address the clinical repercussions and the economic, social and medical consequences of malnutrition worldwide through this very complete academic itinerary”*

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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 immersive education programmed 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 during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will access the contents of this Postgraduate Certificate from any electronic device with an Internet connection.*

*Update your knowledge of Sexually Transmitted Infections and the spread control methods in the international context.*



# 02 Objectives

The syllabus of this Postgraduate Certificate is designed to enable students to acquire fundamental competencies in Public Health Vulnerability and to update their knowledge with the maximum academic rigor. Physicians who choose this specialization will be able to analyze the main health risks in children and adolescents, as well as the necessary measures to avoid them. They will also be able to establish needs and difficulties in different multicultural contexts, as well as delve into research methodologies for the evaluation of clinical interventions.







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*You will analyze real case studies, with the guidance of the expert teachers of this university program, and you will achieve all your objectives”*



## General Objectives

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- ◆ Develop a broad and comprehensive conceptual framework of the situation, challenges and needs of Public Health in the 21st century
- ◆ Examine the international and global framework of Public Health policies
- ◆ Determine the key factors for a correct communication in health crisis: crisis communication and communication crisis
- ◆ Identify the theoretical and methodological framework for evaluation in Public Health
- ◆ Identify the steps to be followed for disease assessment using epidemiological data
- ◆ Compile the research methodology related to disease surveillance
- ◆ Identify the main risk and protective factors in communicable and non-communicable diseases
- ◆ Analyze the importance of quality assessment of intervention studies
- ◆ Develop the fundamentals of clinical epidemiology, measurement of frequency and distribution of diseases
- ◆ Critically evaluate the efficacy and effectiveness of clinical interventions, pharmacological treatments, surgical interventions and prevention strategies
- ◆ Fundamentals of the principles of the epidemiological method
- ◆ Fundamentals of the principles of health promotion, social determinants of health, health-related behavioral theories, and strategies to promote healthy lifestyles and environments
- ◆ Analyze the main health risks for different vulnerable groups
- ◆ Implement a holistic and integrative vision in the impact assessment of environmental risks on health protection







## Specific Objectives

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- ♦ Analyze the main health risks for children and adolescents, as well as measures to avoid them
- ♦ Examine the influence of gender on health and well-being
- ♦ Substantiate the factors that influence the health of workers in any field
- ♦ Establish the health needs and challenges in different multicultural contexts
- ♦ Promote and maintain functional capacity for well-being in old age
- ♦ Compile the factors affecting mental health and to improve its promotion, prevention and treatment
- ♦ Identify the developmental implications and the economic, social and medical consequences of the global burden of malnutrition
- ♦ Examine the health needs and challenges of migrants and in the event of humanitarian crises and health emergencies



*With this university program you will be able to develop plans for mental health promotion, prevention and treatment, as well as examine health needs in humanitarian crises”*

# 03

# Course Management

This 100% online TECH Postgraduate Certificate, has renowned professionals in the area of Public Health and Primary Care in order to provide students with high quality education. The teachers of this program have extensive work experience and have positioned themselves as leaders in this field. Therefore, graduates are given the opportunity to update their knowledge with active experts, who can provide them with a comprehensive practical vision, as well as guide them in research projects.





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*Specialize through a program developed by experts and active professionals in the health field and acquire a multidisciplinary and realistic perspective”*

## Management



### Dr. Camacho Parejo, Juan José

- ♦ General Director of Public Health at the Regional Ministry of Health of Castilla-La Mancha
- ♦ Director of the Center for Analysis, Documentation and Evaluation of Health Policies of SESCAM
- ♦ Director of Hospitals in the Health Care DG of SESCAM
- ♦ Medical Director at the Integrated Care Management of Talavera de la Reina
- ♦ Deputy Medical Director at Nuestra Señora del Prado Hospital (Talavera de la Reina)
- ♦ Urologist at the Río Hortega Hospital, Jove Hospital (Gijón) and Nuestra Señora del Prado Hospital (Talavera de la Reina)
- ♦ Specialist in Urology
- ♦ Senior Management Program in the Health Sector, Administration/Management of Health Services, San Telmo University Business School
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid



### Ms. Ruiz Redondo, Julia María

- ♦ Coordinator of the National Working Group on Public Health 2.0 in the SEMG
- ♦ Coordinator of the General Directorate of Public Health in the Ministry of Health of Castilla-La Mancha
- ♦ Coordinator of the Regional Advisory Group on Immunization at the Regional Ministry of Health of Castilla-La Mancha
- ♦ Nurse Inspector in the Management of Coordination and Inspection of Castilla-La Mancha in the SESCAM
- ♦ Nurse of Specialized Care in the Hospital Emergency Area at the General Hospital of Tomelloso
- ♦ Master's Degree in Medical Management and Clinical Management by the UNED, ISCIII, National School of Health
- ♦ Master's Degree in Vaccines from the Catholic University of San Antonio de Murcia
- ♦ Master's Degree in Specialized Emergency Nursing Care, Critical Patient Area and Post-Anesthesia Care by the University of Valencia
- ♦ Master's Degree in Nursing Services Management from the UNED
- ♦ Senior Healthcare Management Program from San Telmo Business School
- ♦ Graduate in Nursing from the Catholic University of Avila
- ♦ Diploma in Nursing from the University of Jaén





## Professors

### Dr. Salmerón Ríos, Raúl

- ◆ National Responsible for the Public Health Working Group of the SEMG
- ◆ President of the Board of Directors of SEMG of Castilla-La Mancha
- ◆ Family and Community Physician in the Rural Clinic of SESCAM
- ◆ Doctor in Health Sciences by the University of Castilla-La Mancha
- ◆ Master's Degree in Family Medicine Update by the University of Castilla-La Mancha
- ◆ University Expert in Pain Management, Biostatistics, Advanced Life Support, Geriatric Rehabilitation, Vision Sciences, Psychogeriatrics and Active Aging and health by the International University Isabel I of Castile
- ◆ Degree in Medicine and Surgery from the University of Zaragoza
- ◆ Member of: Society of Medicine and Surgery of Albacete and Academy of Medicine of Castilla-La Mancha

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*A unique, crucial and decisive learning experience to boost your professional development”*

# 04

# Structure and Content

The agenda of this program has been designed based on the demands of the different Vulnerability Situations for Public Health and under the maxim of TECH, to offer specialization of excellence. Therefore, a syllabus has been established, in which the proposals of the team of experts of this Postgraduate Certificate have been emphasized, in order to offer a comprehensive vision so that doctors can update their knowledge and apply it at an international level. For this reason, it will delve into issues such as trauma, violence and conflicts in childhood, as well as the common health needs of refugees and migrants.





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*A syllabus that has interactive and multimedia teaching materials, with the goal of obtaining an attractive and high quality specialization”*



## Module 1. Public Health in Situations of Vulnerability

- 1.1. Children and Health
  - 1.1.1. Environmental Threats
  - 1.1.2. Obesity and Non-communicable Diseases
  - 1.1.3. Trauma, Violence and Conflict
- 1.2. Adolescence and Health
  - 1.2.1. Sexual and Reproductive Health: Contraception, Communicable Diseases, Sexual Abuse, Intimate Partner Violence
  - 1.2.2. Traffic Accidents, Suicide, Interpersonal Violence
  - 1.2.3. Abuse of Psychoactive Substances
  - 1.2.4. Nutrition and Physical Activity
- 1.3. Health and Gender
  - 1.3.1. Gender as a Determinant of Health Inequity
  - 1.3.2. Intersectionality
  - 1.3.3. Gender-Based Violence
- 1.4. Occupational Health
  - 1.4.1. Mental Health in the Work Environment
  - 1.4.2. Healthy Teleworking
  - 1.4.3. Occupational Hazards in Health Care Workers
- 1.5. Health in Multicultural Contexts
  - 1.5.1. Cultural Validation and Negotiation
  - 1.5.2. Multilingual Communication
  - 1.5.3. The COVID-19 Pandemic as an Exacerbator of Inequalities
- 1.6. Health and Aging
  - 1.6.1. Healthy Aging Decade of Healthy Aging
  - 1.6.2. Geriatric Syndromes
  - 1.6.3. Integrated Care and Primary Health Care Focused on the Elderly Person
- 1.7. Mental Health and Well-being
  - 1.7.1. Determinants of Mental Health
  - 1.7.2. Mental Health Promotion and Prevention of Mental Health Conditions
  - 1.7.3. Mental Health Care and Treatment





- 1.8. Nutritional Problems and their Impact on Global Health
  - 1.8.1. Malnutrition: Undernutrition, Vitamin and Mineral Imbalance, Overweight, and Obesity
  - 1.8.2. Diet-Related Noncommunicable Diseases: Diabetes, Hypertension, Heart Disease, Stroke and Cancer
  - 1.8.3. Healthy diet
  - 1.8.4. Nutritional Safety vs. Safety
- 1.9. Migration and Health Health in Emergencies and Humanitarian Crises
  - 1.9.1. Common Health Needs and Vulnerabilities of Refugees and Migrants
  - 1.9.2. Barriers to Access to Services for Refugees and Migrants
  - 1.9.3. Preparedness and Resilience to Emerging Threats (PRET) Initiative
- 1.10. Communicable and Non-communicable Diseases
  - 1.10.1. Sexually Transmitted Infections (STIs) Controlling the Spread on a Global Scale
  - 1.10.2. Communicable Diseases Measures Against Risk Factors
  - 1.10.3. Vector-Borne Diseases



*Update your knowledge at your own pace, without schedules and in a comfortable way. Enroll now and update your clinical practice comprehensively!"*

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 we use the Case Method

What should a professional do in a given situation? 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. Specialists learn better, faster, and more sustainably over time.

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



## 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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*Professionals will learn through real cases and by resolving 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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.

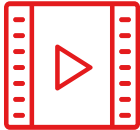
*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

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 highly 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.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and 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 the videos as many times as you like.



#### Interactive Summaries

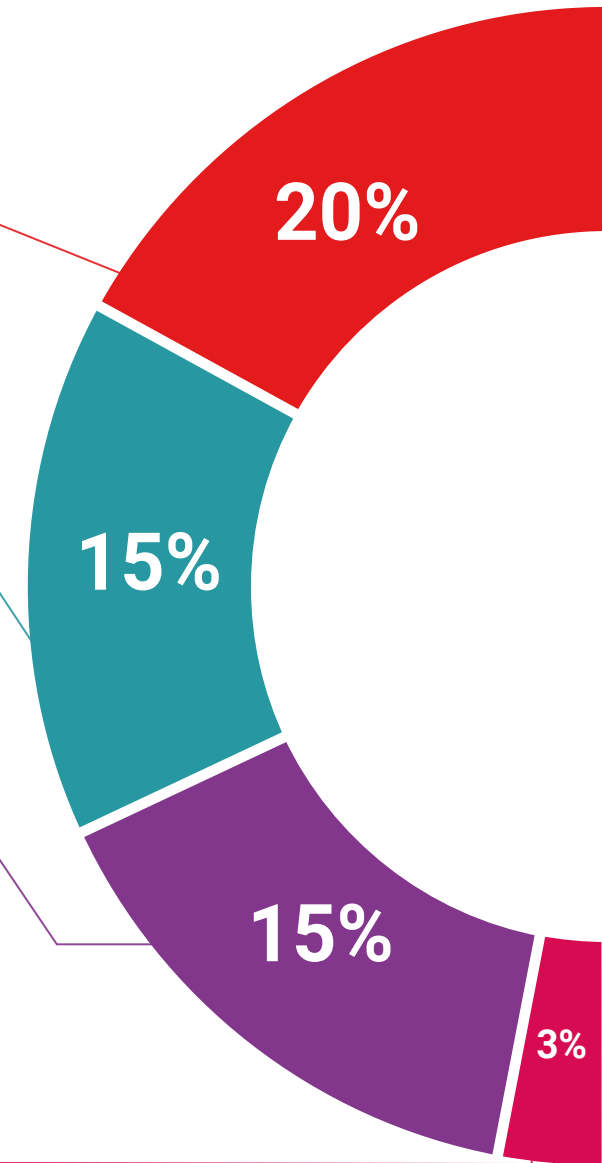
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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

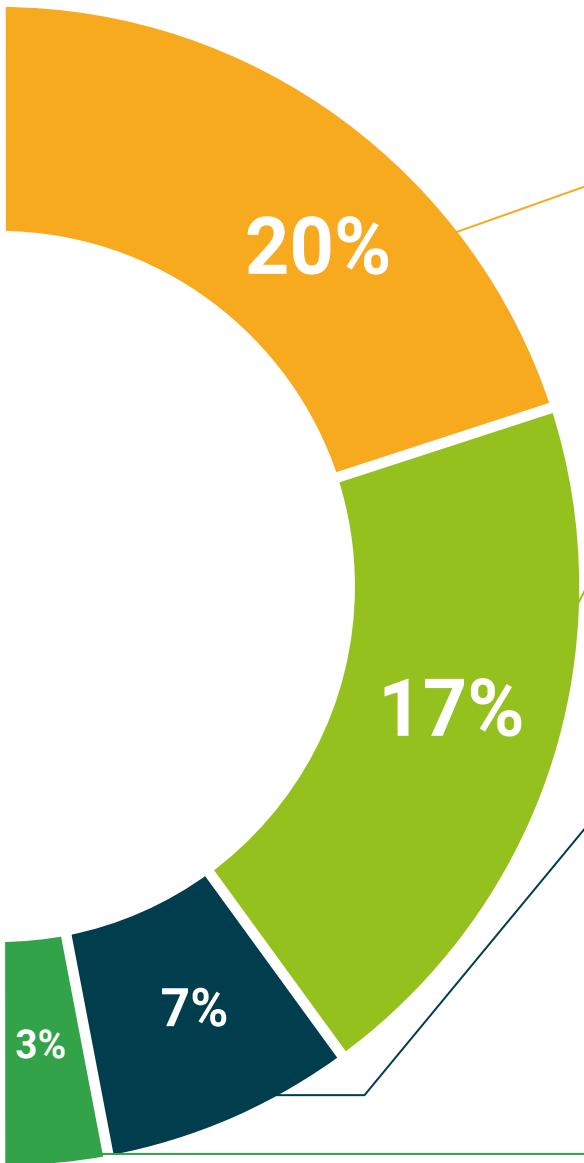


#### Additional Reading

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 on the usefulness of learning by observing experts. The system known as 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 Vulnerability Situations for Public Health 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 Vulnerability Situations for Public Health** 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 Vulnerability Situations for Public Health**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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



## Postgraduate Certificate Vulnerability Situations for Public Health

- » Modality: online
- » Duration: 6 weeks
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