Postgraduate Certificate
Organology

tech global university

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Postgraduate Certificate
Organology

- Modality: **online**
- Duration: **12 weeks**
- Certificate: **TECH Global University**
- Credits: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/humanities/postgraduate-certificate/organology

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01

Introduction

From a historical point of view, Organology is a fairly young discipline. The formation of the academic field around it took place in the 19th century with the emergence of the first collections of instruments in Europe and the United States. In this way, both cultural and private institutions require the most knowledgeable organologists for a successful appraisal and inventory of the pieces they may have. For this reason, TECH Global University has created this degree with the aim of being able to offer a specialization in topics such as the differences between instruments from Antiquity to the present day, as well as the purpose of an instrument, what it is played for and in what way, and the classification of instruments. All of which will be in a 100% online comfortable format.

By delving into all the details about the instruments, their history and the reasons for their shape, you will master this key historical era. Specialize in Organology!"

Organology is positioned as a fundamental branch of musicology to understand the evolution and development of instruments and how they have influenced music throughout history. In fact, musicians can benefit greatly from specializing in Organology, as it provides them with a deeper understanding of the instruments they play and allows them to gain a deeper insight into the music they play.

Therefore, the Diploma in Organology is designed to provide students with a detailed overview of the history of the organ at different stages and its functioning. During the degree, students will delve into the morphology and structure of musical instruments, as well as their materials, construction techniques and acoustics. Cultural, geographic and social aspects related to the instruments will also be covered.

The program is taught 100% online and is based on the Relearning pedagogical methodology, which promotes active and personalized learning, with emphasis on targeted repetition to assimilate each concept with competence. Students have flexibility in organizing and accessing academic resources from anywhere and at any time, allowing them to adapt the degree to their schedule and pace of learning.

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

- The development of case studies presented by experts in Cultural Management
- The graphic, schematic and practical contents of the program provide Specialized and practical information on those disciplines that are essential 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 work
- Content that is accessible from any fixed or portable device with an Internet connection

Master the keys to the organ and become a prestigious organologist with TECH Global University"

Express yourself with your musical instrument in the most informed way possible with TECH Global University"

Develops high levels of motor coordination in hands and feet to cope with all the demands of the organ.

It covers the sound fundamentals of the organ to exploit all its possibilities.

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

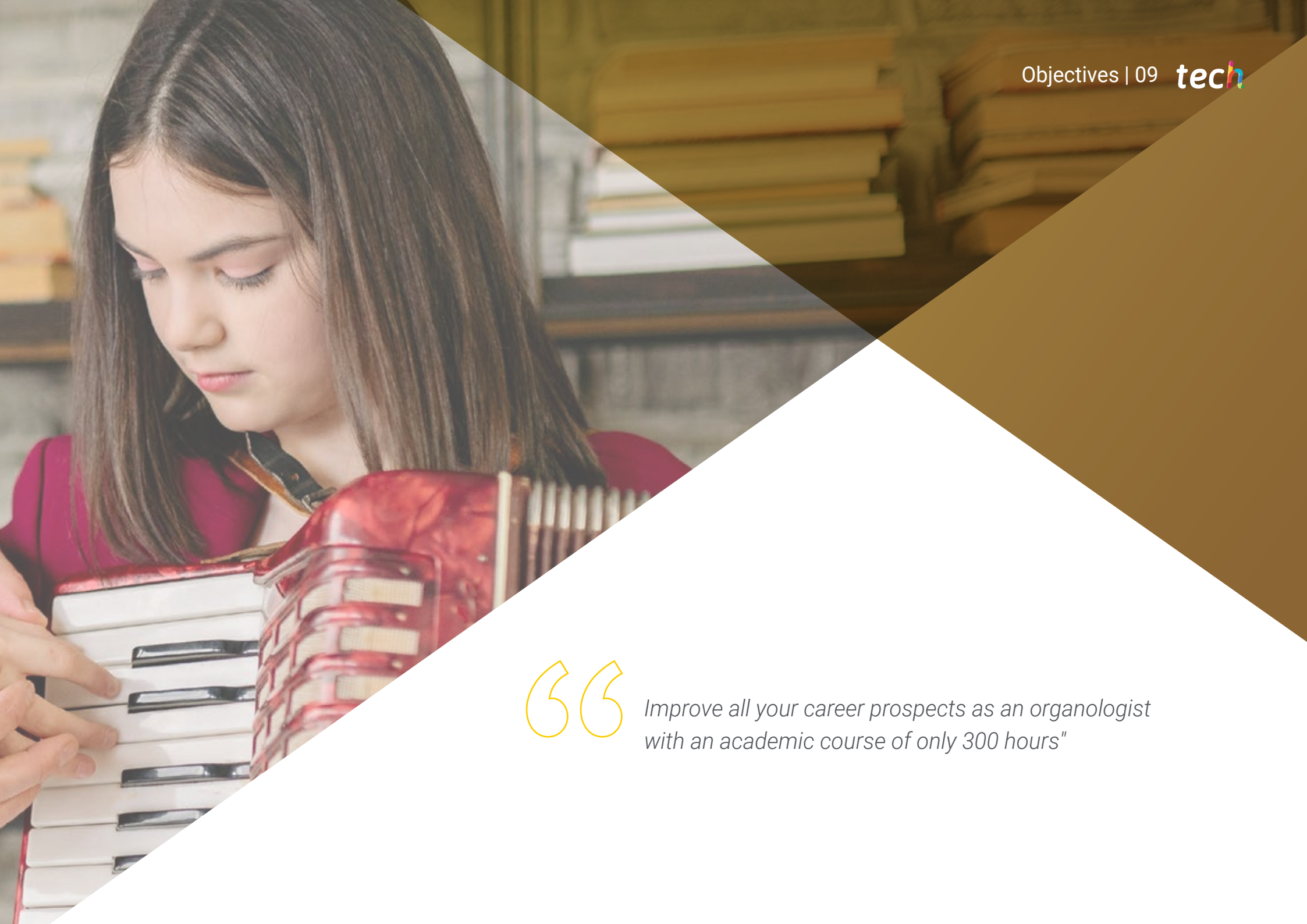
Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

02

Objectives

This Diploma in Organology seeks to provide the tools and concepts related to the typology and difference between the different types of instruments, while focusing on the organ, its history and its material composition in particular. Those enrolled in this program will be able to perform professional tasks related to the cataloguing of instruments, as well as the selection of instruments according to the characteristics and needs of the piece. All this in a 300-hour program, totally online and with practical and theoretical contents of the highest educational quality.



Improve all your career prospects as an organologist with an academic course of only 300 hours"

General Objectives

- To know the characteristics and sound possibilities of the instrument
- Adopt an adequate position of the body with respect to the instrument, which makes possible and favors the action of the arm-forearm-hand set on the keyboard
- To enable the student to combine the different orchestral instruments in a reduced format
- Know the organization and functioning of all chords used during the tonal harmony practice period
- Apply tuning procedures and techniques for one of the three strings of the central A of the piano based on intervention plans with quality and safety criteria

You will be an expert when it comes to cataloging musical instruments. Enroll now!"

Specific Objectives

- To express oneself musically with one's instrument/voice based on knowledge and mastery of instrumental and corporal technique
- Know and use, in the different types of organ, the registration, according to the period and style of the music for which they are intended
- Carry out practical work on cataloging musical instruments
- To know the sources and related disciplines for the study of musical instruments. Evaluate current methodological trends
- To know the sound fundamentals of the organ and acquire the ability to use its possibilities
- Control and manage the sound flow of the organ and the different playing modalities, depending on the acoustics of the room where it is located

03

Structure and Content

The agenda combined and embodied in this Diploma has been developed by TECH Global University in order to provide the various keys, tools and practices related to Organology, and specifically with the organ. Thanks to this, students will be able to develop their skills in the study of instruments, their definition, purposes, classification and analysis of organ types. All this in a 100% online syllabus that students can access from any device with a remote connection, without fixed schedules or geographical limitations.

Master each and every one of the existing organ types, as well as their history, mechanisms and secrets to become an expert on the subject in just 12 weeks"

Module 1. Organ

1.1. Organ
- 1.1.1. Introduction to the organ
- 1.1.2. The Organ in Antiquity and the Middle Ages
- 1.1.3. The organ in Classicism and Romanticism
- 1.1.4. The organ in the Baroque period

1.2. Functioning of the organ
- 1.2.1. How is sound produced?
- 1.2.2. The change of tone and timbre
- 1.2.3. Valves and wind chest
- 1.2.4. The positive organ

1.3. Structural composition of the organ
- 1.3.1. The box
- 1.3.2. The console
- 1.3.3. The manual
- 1.3.4. Pedalboard

1.4. Parts of the organ
- 1.4.1. Records
- 1.4.2. Pipelines
- 1.4.3. Secrets
- 1.4.4. Mechanisms
- 1.4.5. Bellows

1.5. German music of the XVII-XVIII centuries
- 1.5.1. Bach
- 1.5.2. Pachelbel
- 1.5.3. Walter
- 1.5.4. Boehm

1.6. Most relevant organ works
- 1.6.1. Baroque period
- 1.6.2. Classicism
- 1.6.3. Romanticism
- 1.6.4. 20th century

1.7. The portable organ, realejo and positive
- 1.7.1. Introduction
- 1.7.2. The portable organ
- 1.7.3. Realejo
- 1.7.4. The positive organ

1.8. The Wanamaker organ
- 1.8.1. Introduction
- 1.8.2. History
- 1.8.3. The architectural layout of the organ
- 1.8.4. Music composed specifically for the Wanamaker organ

1.9. The organ in vine and video games
- 1.9.1. Pirates of the Caribbean
- 1.9.2. Interstellar
- 1.9.3. The Legend Of Zelda
- 1.9.4. Final Fantasy IV

1.10. The most famous organs in the world
- 1.10.1. The organ of the Cathedral of Notre Dame (Paris)
- 1.10.2. The organ of the St. Stephen's Cathedral (Passau)
- 1.10.3. The organ of the Basilicas of Notre Dame (Paris)
- 1.10.4. The organ of the Oliwa Cathedral (Gdańsk)

Module 2. Organology

2.1. Organology
- 2.1.1. What is organology?
- 2.1.2. Concept of Musical Instruments
- 2.1.3. Concept and purpose of musical instrument classifications
- 2.1.4. Classification of Musical Instruments. Hornbostel- Sachs

2.2. Historical process of musical instruments
- 2.2.1. The first musical instruments. Prehistoric instruments
- 2.2.2. Instruments in Antiquity
- 2.2.3. Instruments in the Middle Ages
- 2.2.4. Instruments in the Modern Age
- 2.2.5. Instruments in the Renaissance and Baroque periods
- 2.2.6. Instruments in Classicism and Romanticism

2.3. Idiophones
- 2.3.1. What is an idiophone?
- 2.3.2. Percussed idiophones
- 2.3.3. Shaken idiophones
- 2.3.4. Dotted idiophones
- 2.3.5. Rubbed idiophones
- 2.3.6. With hand

2.4. Membranophones
- 2.4.1. What is a membranophone?
- 2.4.2. Membranophones percussed
- 2.4.3. Membranophones rubbed
- 2.4.4. Blown membranophones

2.5. Aerophones
- 2.5.1. What is an aerophone?
- 2.5.2. Classification according to construction material
  - 2.5.2.1. Wind Aerophones - Metal
  - 2.5.2.2. Wind Aerophones - wood
  - 2.5.2.3. Wind Aerophones - Mechanical
- 2.5.3. Single reed aerophones
- 2.5.4. Double reed aerophones
- 2.5.5. Embouchure aerophones
- 2.5.6. Mouthpiece aerophones
- 2.5.7. Aerophones with air reservoir

2.6. Chordophones
- 2.6.1. What is a chordophone?
- 2.6.2. Plucked string chordophones
- 2.6.3. Chordophones with fretted string
- 2.6.4. Percussive string chordophones

2.7. Electrophones
- 2.7.1. What is an electrophone?
- 2.7.2. Sachs and Galpin
- 2.7.3. Electromechanical electrophones
- 2.7.4. Electronic electrophones

2.8. Musical iconography
- 2.8.1. Definition of musical iconography
- 2.8.2. Musical Iconography in Prehistory and Antiquity
- 2.8.3. Medieval musical iconography
- 2.8.4. Major works of pictorial art

2.9. The portico of glory
- 2.9.1. Introduction
- 2.9.2. Master Mateo
- 2.9.3. The architectural structure of the Portico of Glory
- 2.9.4. Musical instruments

2.10. The Codex Calixtinus
- 2.10.1. What is the Codex Calixtinus?
- 2.10.2. The History of the Codex Calixtinus
- 2.10.3. The Structure of the Codex Calixtinus
- 2.10.4. Music from the Codex Calixtinus

Examines how and why the organ is present in the most recognized pieces of modern Cinema and what they all have in common"

04

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"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

"Our program prepares you to face new challenges in uncertain environments and achieve success in your career"

The case method has been the most widely used learning system among the world's leading Humanities schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

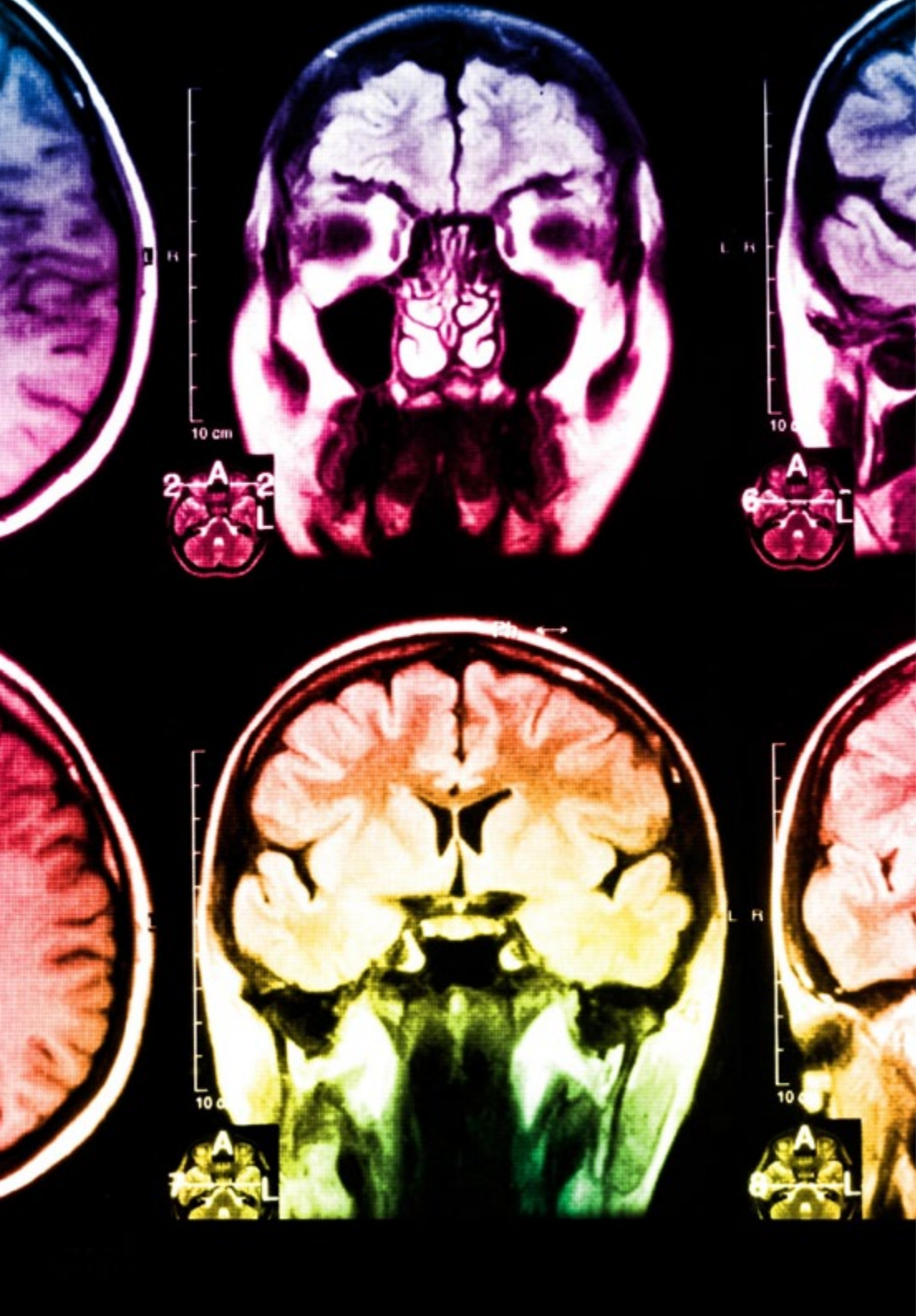
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



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. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

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.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

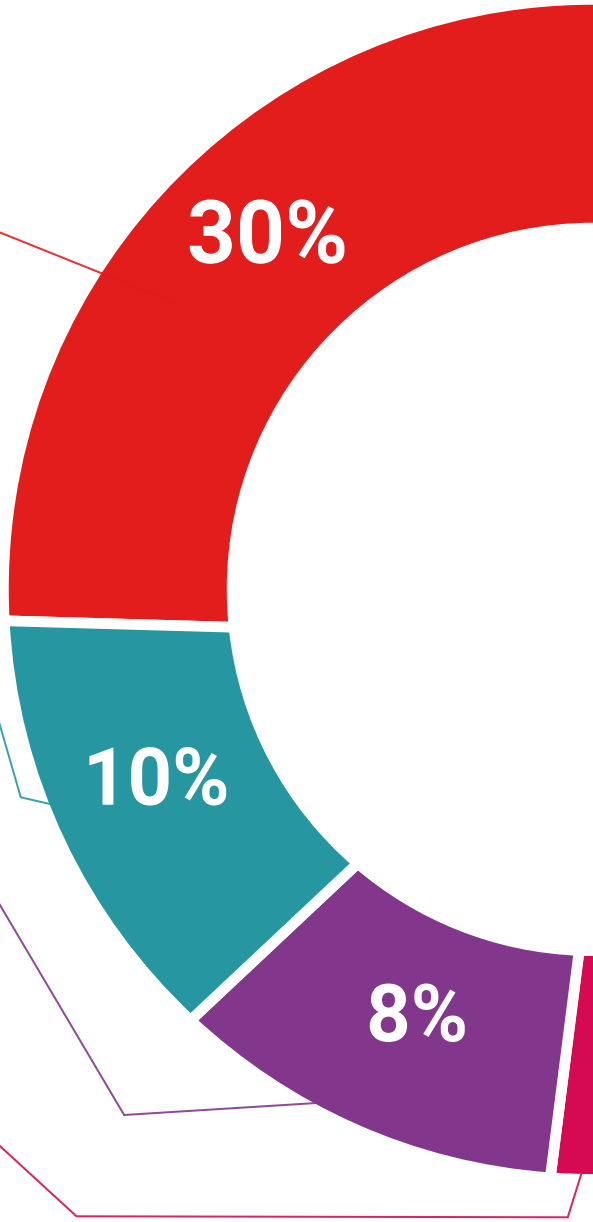
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

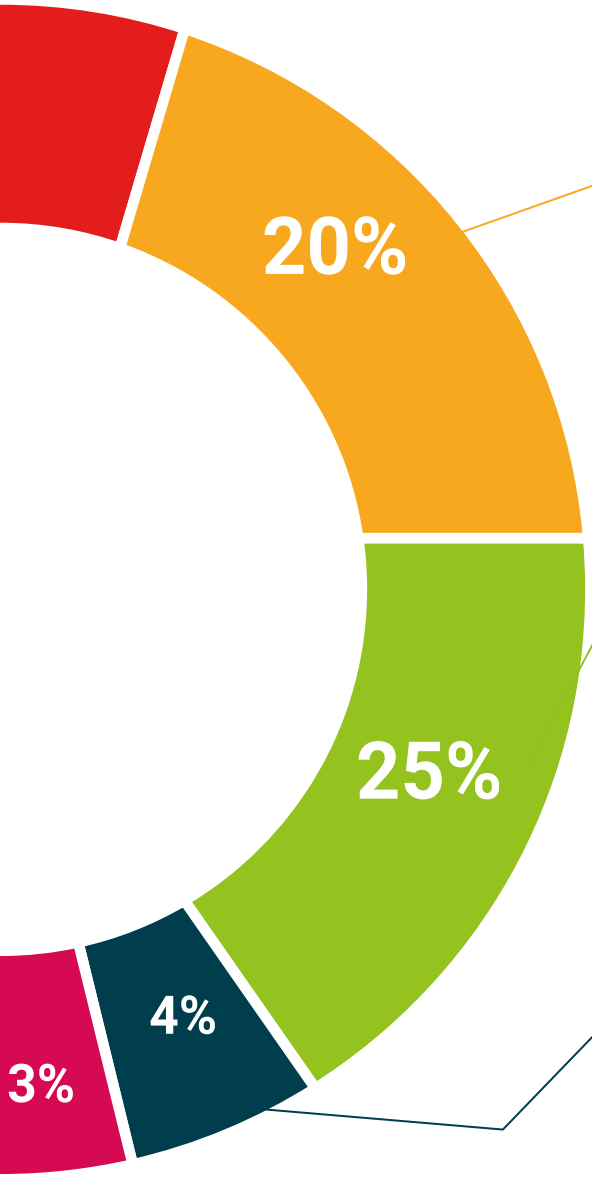
Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

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.





Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

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".

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.

05

Certificate

The Postgraduate Certificate in Organology guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Certificate in Organology** 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** title 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 Organology**

Modality: **online**

Duration: **12 weeks**

Accreditation: **12 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Organology

This is a program of 360 hours of duration equivalent to 12 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

Unique TECH Code: AFWORD23S techtitute.com/certificates

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

tech global university

Postgraduate Certificate

Organology

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- Schedule: **at your own pace**
- Exams: **online**

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