

Postgraduate Certificate

Multiple Intelligences in Mathematics for Psychologists





Postgraduate Certificate Multiple Intelligences in Mathematics for Psychologists

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/psychology/postgraduate-certificate/multiple-intelligences-mathematics-psychologists

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01

Introduction

We live in a society where adolescents are accustomed to immediate access to absolutely everything. They have neither patience nor the ability to wait, which has minimized the culture of effort and hard work, reducing it to the least amount of effort. Mathematics is no exception to this trend.



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This Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists will generate a sense of confidence in your professional performance, helping you grow both personally and professionally”

In today's society, where mathematics dominate virtually every aspect of our lives, we find that it is one of the subjects that presents the greatest difficulties for students, both in secondary education and in high school.

On the other hand, in this ever-changing world, the methods of learning previously used to teach are now outdated. As such, it is essential to implement a change in the educational paradigm, particularly in the field of mathematics.

Pedagogical innovation provides the necessary tools to facilitate this paradigm shift that is crucial today. It makes it possible to teach in a variety of different and more engaging ways for today's adolescents. In mathematics, a subject that many of our students find unappealing, it is both possible and necessary to apply pedagogical innovation in order to shift the way they perceive the subject.

This methodology also allows for addressing the diversity of students within the classroom in a way that would otherwise be impossible, ensuring that each student is catered to according to their potential and abilities.

This training includes various innovative learning methodologies and applies them to teaching mathematics in a different and much more engaging way for today's students.

With this educational approach, psychologists can gain multiple direct applications and ideas to use in the classroom, making the integration of mathematics more accessible and appealing to both teachers and students alike. This program also equips psychologists working with secondary and high school students with the skills to create new mathematical content applicable in the classroom. It empowers them to transform mathematics into a more accessible and enjoyable subject for all.

Graduates of this program will be able to apply the knowledge gained to their classrooms, teaching mathematics in a way that is more motivating for students, thus sparking interest in a subject that is often disliked due to its complexity and perceived difficulty.

Furthermore, by completing these studies and acquiring knowledge on pedagogical innovation in mathematics, psychologists will be able to apply these skills in other subjects they teach, enhancing their overall teaching approach.

This **Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ 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
- ♦ The latest developments and cutting-edge advances in this field
- ♦ Practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ Innovative and highly efficient 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



Update your knowledge with the Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists"

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This Postgraduate Certificate could be the best investment you make in selecting a professional development program for two key reasons: in addition to updating your knowledge in Multiple Intelligences in Mathematics for Psychologists, you will receive a certificate of completion from TECH Global University”

Increase your decision-making confidence by updating your knowledge through this program.

Take the opportunity to learn about the latest advances in Multiple Intelligences in Mathematics for Psychologists.

This comprehensive course features a faculty of expert professionals, who bring their hands-on experience to the training, alongside renowned specialists from leading scientific societies.

Thanks to its multimedia content developed with the latest educational technology, it will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

This program is designed around Problem-Based Learning, through which the physician must try to solve the different professional practice situations that arise throughout the Course. To achieve this, you will have the support of an innovative interactive video system created by renowned experts in the field of child protection systems, with extensive teaching experience.



02

Objectives

The Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists is designed to facilitate the professional's involvement in this fascinating and complex area of work.



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This course is crafted to help you update your knowledge using the latest educational technology, enabling you to contribute effectively and securely to decision-making and monitoring of students”



General Objectives

- ♦ Understand the various types of innovative learning methodologies in education applied to mathematics
- ♦ Learn how to apply different types of innovative learning methodologies to mathematics
- ♦ Be able to discern the most suitable innovative learning method for a group of secondary or high school students, specifically applied to mathematics
- ♦ Learn how to design a teaching unit using various innovative educational methodologies in mathematics
- ♦ Know how to implement the designed teaching unit in the classroom, ensuring that students achieve maximum performance in mathematics





Specific Objectives

- ♦ Learn what learning landscapes in mathematics are
- ♦ Understand Bloom's taxonomy applied to mathematics
- ♦ Understand the modified Bloom's taxonomy applied to mathematics
- ♦ Learn about Howard Gardner's Multiple Intelligences applied to mathematics
- ♦ Learn how to design a learning landscape for mathematics
- ♦ Learn how to apply learning landscapes in mathematics
- ♦ Create a mathematics activity using learning landscapes
- ♦ Discover different ICT Master's programs related to mathematics learning landscapes



Make the most of the opportunity and take the step to get up-to-date on the latest developments in Multiple Intelligences in Mathematics for Psychologists"

03

Structure and Content

The structure of the content has been designed by a team of professionals, fully aware of the importance of up-to-date training to advance confidently and competitively in the job market, as well as to practice your profession with the excellence that only the best training can provide.





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This Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists contains the most complete and up-to-date scientific program on the market”

Module 1. The Learning Landscape in Mathematics

- 1.1. What Are Learning Landscapes Applied to Mathematics?
- 1.2. Bloom's Taxonomy Applied to Mathematics
 - 1.2.1. Bloom's Taxonomy of Thinking Skills (1956) and Mathematics
 - 1.2.2. Review of Bloom's Taxonomy (Anderson & Krathwohl, 2001) and Mathematics
 - 1.2.3. Bloom's Taxonomy for the Digital Age (Churches, 2008) and Mathematics
- 1.3. Multiple Intelligences Applied to Mathematics (Reminder)
 - 1.3.1. Linguistic Intelligence Applied to Mathematics
 - 1.3.2. Logical-Mathematical Intelligence Applied to Mathematics
 - 1.3.3. Spatial Intelligence Applied to Mathematics
 - 1.3.4. Musical Intelligence Applied to Mathematics
 - 1.3.5. Bodily-Kinesthetic Intelligence Applied to Mathematics
 - 1.3.6. Intrapersonal Intelligence Applied to Mathematics
 - 1.3.7. Interpersonal Intelligence Applied to Mathematics
 - 1.3.8. Naturalistic Intelligence Applied to Mathematics
 - 1.3.9. Existential Intelligence Applied to Mathematics
- 1.4. Designing a Learning Landscape in Mathematics
- 1.5. Example of a Learning Landscape Applied to Mathematics



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

04

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

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 assess 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



05 Certificate

The Postgraduate Certificate in Multiple Intelligences on Mathematics for Psychologists guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 diploma for the **Postgraduate Certificate in Multiple Intelligences in Mathematics for Psychologists** 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.

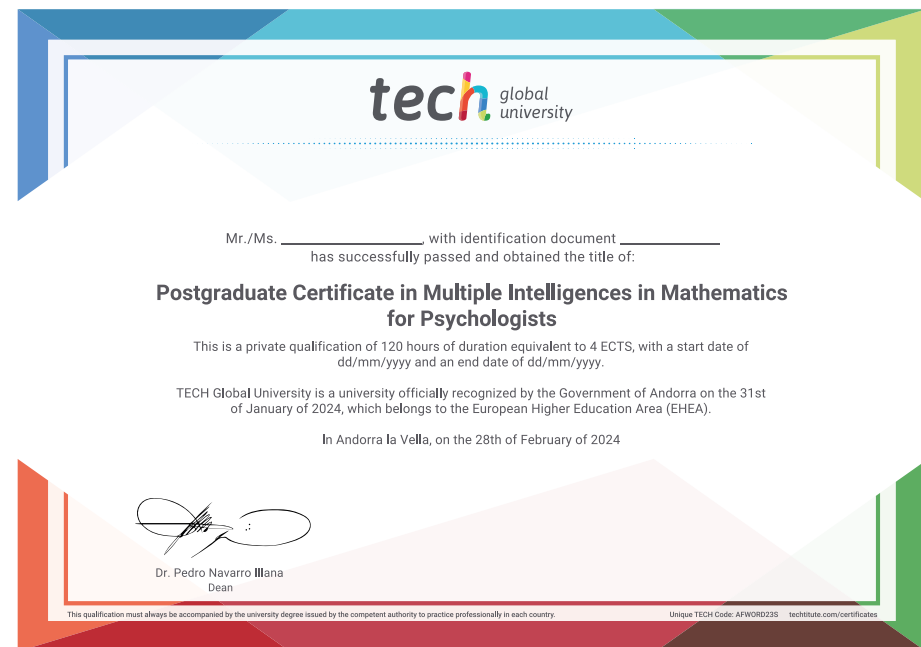
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

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