

UNIVERSITY DIPLOMA IN PEDAGOGICAL PRACTICES - QUALITY ASSURANCE IN HIGHER EDUCATION

Emphasis: E-Learning

Main Languages of Instruction:

French ✓ English ✓ Arabic ✓

Campus Where the Program Is Offered: CSH

OBJECTIVES

Upon completion of this program, participants will have developed the competencies required to design, implement, evaluate, and continuously improve teaching practices that meet quality standards in higher education. They will be able to apply the principles of constructive alignment, learning assessment, quality assurance, and continuous improvement to develop coherent, innovative, and student-centered educational programs. Participants will cultivate a reflective professional stance grounded in evidence-based practice, pedagogical innovation, and continuous professional development, enabling them to support academic teams in enhancing their teaching practices and to contribute to accreditation processes, institutional evaluation, and quality management initiatives. They will also be able to integrate educational technologies and artificial intelligence tools to enhance teaching, learning, and assessment in pursuit of academic excellence, continuous improvement, and humanistic values.

PROGRAM LEARNING OUTCOMES (COMPETENCIES)

- Implement innovative teaching, learning, and instructional support practices.
- Critically and ethically analyze professional practices through reflective and collaborative approaches.
- Integrate emerging digital technologies and artificial intelligence critically, strategically, and ethically into the management and continuous improvement of educational institutions.

ADMISSION REQUIREMENTS

University degree (BA or BS).

PROGRAM REQUIREMENTS

16 credits: Required Courses (12 credits), Institution's Elective Courses (4 credits)

Required Courses (12 credits)

Lesson and Unit Planning (4 Cr.). Digital Technology and Artificial Intelligence in Education (4 Cr.). Quality Assurance and Accreditation Standards in Education (4 Cr.).

Institution's Elective Courses (4 credits), to be chosen from the list below:

Assessment and Regulation of Learning in the Age of AI (4 Cr.). 21st Century Essential Skills (4 Cr.). Differentiated Pedagogy and Inclusive Approaches (4 Cr.). Pedagogical Alignment and Inter/Transdisciplinary Approaches (4 Cr.). Humanistic Approaches and Educational Support (4 Cr.). Classroom Management and Group Dynamics (4 Cr.).

COURSE DESCRIPTION

Required Courses

070NIAEM1	Digital Technology and Artificial Intelligence in Education	4 Cr.
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Artificial intelligence is revolutionizing the use of digital tools in the classroom and more broadly, across educational systems. It offers considerable potential for advancing education. This course aims to train students in the use of educational technologies, particularly those based on artificial intelligence, their application and integration into teaching and learning sequences and their future potential.

070QTACM4	Quality Assurance and Accreditation Standards in Education	4 Cr.
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This course addresses the foundations, challenges, and mechanisms of quality assurance in educational systems, as well as the standards and procedures for the accreditation of institutions and training programs. It aims to familiarize students with national and international quality frameworks in education within a context of governance, regulation, and accountability in educational systems. The course analyzes key quality frameworks, institutional evaluation mechanisms, and continuous improvement processes within educational institutions. Attention is given to issues of transparency, effectiveness, equity, and the strategic management of educational organizations. Through case studies, framework analyses, and simulations of accreditation processes, students will be encouraged to understand and apply quality assurance tools to contribute to the improvement of educational systems.

070IGDDM1	Lesson and Unit Planning	4 Cr.
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This course provides an in-depth exploration of didactic engineering as a systematic approach to the design, analysis, and evaluation of teaching and learning environments. Drawing on contemporary didactic and educational theories, it equips participants with the knowledge and skills to design coherent learning sequences and instructional situations adapted to diverse educational contexts. Emphasis is placed on bridging research and practice, as well as on aligning instructional designs with learners' needs, institutional goals, and principles of effective teaching and learning.

Institution's Elective Courses

070AIPDM2	Differentiated Pedagogy and Inclusive Approaches	4 Cr.
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This course allows students to create an inclusive, respectful, and caring learning environment where every student can realize their full potential regardless of their differences. It enables students to analyze the challenges of school inclusion based on the specific needs of learners, and to develop interdisciplinary educational situations to promote a comprehensive and inclusive approach to learning.

070CMPSM2	21st Century Essential Skills	4 Cr.
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This course aims to raise students' awareness of the necessity to integrate 21st century skills into their teaching. It encourages them to develop teaching strategies to promote creativity, critical thinking, cooperation, and communication among learners. At the end of this course, students will be equipped with new professional practices allowing their learners to thrive in the 21st-century world.

070AITPM1	Pedagogical Alignment and Inter/Transdisciplinary Approaches	4 Cr.
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This course examines the theoretical foundations and practical applications of instructional alignment in the design of educational programs in the field of educational sciences. It highlights the importance of coherence between learning outcomes, teaching and learning activities, and assessment methods, with the aim of enhancing the quality of learning. The course also explores inter- and transdisciplinary approaches as drivers of pedagogical innovation and as responses to contemporary complex issues. It focuses on how knowledge from different disciplines can be integrated to foster a comprehensive understanding of educational and societal challenges. Through case studies, curriculum analyses, and instructional design activities, students will be encouraged to develop coherent educational programs that integrate collaborative, interdisciplinary, and transdisciplinary approaches.

070AIEVM2	Assessment and Regulation of Learning in the Age of AI	4 Cr.
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This course explores the contemporary transformations of assessment and learning regulation practices in a context shaped by the rise of artificial intelligence and digital learning environments. It examines evolving conceptions of assessment, particularly the shift from a summative, certification-oriented logic toward a more formative, continuous approach that is integrated into the learning process. The course analyzes the contributions of AI to assessment systems, including automated analysis of learner outputs, adaptive feedback, and learning analytics, while critically questioning their ethical, pedagogical, and methodological limitations. Attention is given to issues of validity, equity, transparency, and accountability in the use of algorithmic tools. Through case studies, analysis of assessment systems, and design-based activities, students will be encouraged to develop innovative, critical, and competency-centered approaches to assessment and learning regulation.

070DGGCM2	Classroom Management and Group Dynamics	4 Cr.
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This course encourages future teachers to use appropriate teaching methods to ensure optimal performance. This requires reconsidering the skills teachers need for effective classroom management. Today, the group-class dynamics is new, and the teacher-student relationship needs to be reconsidered. Relational dynamics in the classroom contribute to the development of psychosocial skills, while classroom management is a complex activity involving several dimensions: the relationship with the institution, the social context, learning strategies, group dynamics, conflict resolution, and nonviolent communication. Students will thus be able to integrate the theories and challenges related to classroom management and analyze problematic learning situations to prevent and/or address them. Building connections between the integration of active teaching methods and self-management to improve classroom management is fundamental to quality teaching.

070PHEEM1	Humanistic Approaches and Educational Support	4 Cr.
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This course explores the theoretical and practical foundations of a humanistic posture in education, centered on the recognition of the dignity, uniqueness, and potential of each learner. It is grounded in an educational perspective that values listening, empathy, caring rigor, and the educational relationship as essential drivers of the learner's overall development. The course examines pedagogical approaches inspired by humanistic and socio-constructivist theories, as well as their contribution to supporting learners in their cognitive, emotional, and social development. It also highlights the importance of the educational relationship, the creation of a climate of trust, and the promotion of learner autonomy. Through case studies, practice analysis, and simulated educational situations, students will be encouraged to develop a reflective and ethical professional posture that fosters inclusive and personalized educational support.