

MASTER IN PSYCHOMOTOR THERAPY

Concentrations:

Neurodevelopmental Disorders and Mental Health

Neurological Disorders and Disabilities

Main Language of Instruction:

French ☒ English ☐ Arabic ☐

Campus Where the Program Is Offered: CIS

OBJECTIVES

This program aims to:

- Develop students' in-depth knowledge of advanced concepts, theories, and practices in psychomotricity.
- Equip students with managerial and organizational skills essential for leadership roles in the field.
- Provide methodological and practical training to enable quality research in psychomotricity.
- Prepare students to handle complex cases by developing advanced assessment skills and appropriate intervention strategies.

PROGRAM LEARNING OUTCOMES (COMPETENCIES)

- Actively contribute to the development of psychomotor intervention practices.
- Manage complex clinical cases in psychomotricity.
- Manage clinical services and programs.
- Promote the psychomotor therapy profession.

ADMISSION REQUIREMENTS

Candidates must hold a Bachelor in Psychomotor Therapy. Admission is based on the review of their application file, which includes a motivation letter, academic transcripts, as well as the grades and evaluations of their thesis project (or an equivalent research project). Candidates must also have achieved a category A or B on the French Placement Test (TALF) or an equivalent test. Finally, an interview with the selection committee is required to complete the admission process.

COURSES/CREDITS GRANTED BY EQUIVALENCE

Transferable credits of up to 50% of the master's degree (60 ECTS credits) may be granted, depending on the student's academic background. However, equivalence is not granted automatically.

PROGRAM REQUIREMENTS



120 credits: Required courses (105 credits), Institution's elective courses (15 credits).

Credits are divided between a common foundational year and a specialization year, which allows students to choose between two concentrations covering all pathologies addressed in psychomotor therapy:

- Concentration: Neurodevelopmental Disorders and Mental Health
- Concentration: Neurological Disorders and Disabilities

Required Courses - Common (71 Cr.)

Advanced Body Awareness Workshop (3 Cr.). Biofeedback and Rehabilitation of Psychomotor Disorders (2 Cr.). Body Schema: From Theory to Clinic (2 Cr.). Cognitive Approach to Psychomotor Disorders (2 Cr.). Cognitive and Socio-Interactionist Approach to Language (2 Cr.). Cognitive Neurosciences (2 Cr.). Handling Techniques (2 Cr.). Introduction to Health Policy and Systems (2 Cr.). Legislation (2 Cr.). Management and Leadership (2 Cr.). Movement Analysis (3 Cr.). Motor Control (2 Cr.). Neurocognitive Processes of Motor Skills and Language and their Pathologies (3 Cr.). Orthoptics and Visual Rehabilitation (2 Cr.). Parental Support (2 Cr.). Practice Analysis 1 (2 Cr.).



Practice Analysis 2 (2 Cr.). Project Management and Fundraising (2 Cr.). Professional Internship in Psychomotor Therapy Institution 1 (2 Cr.). Professional Internship in Psychomotor Therapy Institution 2 (2 Cr.). Professional Internship in Psychomotor Therapy CDSP 1 (4 Cr.). Professional Internship in Psychomotor Therapy CDSP 2 (4 Cr.). Public Health Ethics (2 Cr.). Psychomotor Disorders: Current Research (3 Cr.). Research Methodology (3 Cr.). Scientific English (2 Cr.). Specific Terminologies: Specialized Arabic Language Course (CLAS) (2 Cr.). Statistics (3 Cr.). Support and Inclusion (2 Cr.). Thesis Proposal (3 Cr.).

Required Courses - Concentration: Neurodevelopmental Disorders and Mental Health (34 Cr.)

Applied Research Statistics (2 Cr.). Anxiety Disorders and Psychomotricity (2 Cr.). Current Research on Autism in Psychomotricity (2 Cr.). Gerontology and Palliative Care (2 Cr.). Neurodevelopmental Disorders in Adults (3 Cr.). Neurofunctional Rehabilitation Models in Autism: Example of EDT (3 Cr.). Rehabilitation in Adult Psychiatry (2 Cr.). Rehabilitation in Child Psychiatry (2 Cr.). Research Seminar (2 Cr.). Thesis - Part 1 (6 Cr.). Thesis - Part 2 (8 Cr.).

Required Courses - Concentration: Neurological Disorders and Disabilities (34 Cr.)

Applied Research Statistics (2 Cr.). Auditory and Vestibular Rehabilitation (2 Cr.). Epilepsy and Psychomotricity (2 Cr.). Haptic Rehabilitation (2 Cr.). Laboratories: Between Diagnosis and Research - Medical Imaging (2 Cr.). Physical and Rehabilitation Medicine/Orthotist (2 Cr.). Psychomotricity in Adult Neurology (2 Cr.). Psychomotricity in Neonatology (2 Cr.). Research Seminar (2 Cr.). Thesis - Part 1 (6 Cr.). Thesis - Part 2 (8 Cr.). Visual and Motor Rehabilitation (2 Cr.).

Institution's Elective Courses (15 Cr.), to be chosen from the list below:

Common Courses

Complementary Assessments in Psychomotricity (2 Cr.). Digital Education in the Age of Artificial Intelligence (2 Cr.). Psychological Support in Crisis: Support for Parents and Patients (2 Cr.). Psychology of the Person with Special Needs (4 Cr.). Psychomotor Intervention in the Hospital - Gerontology and Palliative Care (2 Cr.). Reflexivity in Psychomotricity (2 Cr.). Technology in Psychomotricity (2 Cr.). The Individualized Educational Program (2 Cr.).

Concentration: Neurodevelopmental Disorders and Mental Health

Current Medical Research on Developmental Disorders (3 Cr.). Psychomotor Intervention in the Hospital - Psychiatry (2 Cr.).

Concentration: Neurological Disorders and Disabilities

Psychomotor Intervention in the Hospital - Neonatology (2 Cr.). Psychomotor Intervention in the Hospital - Adult Neurology (3 Cr.).

SUGGESTED STUDY PLAN

Throughout the four semesters, the student is required to choose 15 credits of elective courses, in addition to the courses listed in the tables.

Semester 1

Code	Course Name	Credits
065ANP1M1	Practice Analysis 1	2
065ACTPM1	Cognitive Approach to Psychomotor Disorders	2
065CTMTM1	Motor Control	2
065LEGIM1	Legislation	2
065INMAM1	Management and Leadership	2
065RECHM1	Research Methodology	3
065OTRVM1	Orthoptics and Visual Rehabilitation	2
065NMLPM2	Neurocognitive Processes of Motor Skills and Language and their Pathologies	3
065STGPM1	Professional Internship in Psychomotor Therapy CDSP 1	4

065SPI1M1	Professional Internship in Psychomotor Therapy Institution 1	2
065STATM1	Statistics	3
065CLS2M1	Specific Terminologies: Specialized Arabic Language Course (CLAS)	2
	Total	29

Semester 2

Code	Course Name	Credits
065ACINM2	Support and Inclusion	2
065ACCFM2	Parental Support	2
065APCDM2	Practice Analysis 2	2
065ANMVM2	Movement Analysis	3
065ANGSM2	Scientific English	2
065ATCPM2	Advanced Body Awareness Workshop	3
065BRTPM1	Biofeedback and Rehabilitation of Psychomotor Disorders	2
065EC2SM2	Introduction to Health Policy and Systems	2
065AVPMM2	Thesis Proposal	3
065STCDM2	Professional Internship in Psychomotor Therapy CDSP 2	4
065SPI2M2	Professional Internship in Psychomotor Therapy Institution 2	2
065TPRAM2	Psychomotor Disorders: Current Research	3
	Total	30

Semester 3

Code	Course Name	Credits
	Common Courses	
065NECGM3	Cognitive Neurosciences	2
065PMNFM3	Project Management and Fundraising	2
065TECPM3	Body Schema: From Theory to Clinic	2
065TCMNM3	Handling Techniques	2
496EISPM2	Public Health Ethics	2
	Concentration: Neurological Disorders and Disabilities	
065MEMPM3	Thesis - Part 1	6
065PNENM3	Psychomotricity in Neonatology	2
065PNTCM3	Psychomotricity in Adult Neurology	2
065REAVM3	Auditory and Vestibular Rehabilitation	2
065REHPM3	Haptic Rehabilitation	2
065REVSM3	Visual and Motor Rehabilitation	2
065SEMML3	Research Seminar	2
	Total	28
	Concentration: Neurodevelopmental Disorders and Mental Health	
065GRSPM3	Gerontology and Palliative Care	2
065MEMPM3	Thesis – Part 1	6

o65RAAPM3	Current Research on Autism in Psychomotricity	2
o65SEMML3	Research Seminar	2
	Total	22

Semester 4

Code	Course Name	Credits
	Common Courses	
o65APCOM4	Cognitive and Socio-Interactionist Approach to Language	2
	Concentration: Neurological Disorders and Disabilities	
o65EPLPM4	Epilepsy and Psychomotricity	2
o65LDRIM4	Laboratories: Between Diagnosis and Research - Medical Imaging	2
o65MEM2M4	Thesis - Part 2	8
o65PHRMM4	Physical and Rehabilitation Medicine/Orthotist	2
o40STTIM2	Applied Research Statistics	2
	Total	18
	Concentration: Neurodevelopmental Disorders and Mental Health	
o65MEM2M4	Thesis - Part 2	8
o40RENAM1	Neurofunctional Rehabilitation Models in Autism: Example of EDT	3
o65RHPAM4	Rehabilitation in Adult Psychiatry	2
o65RHPIM4	Rehabilitation in Child Psychiatry	2
o40STTIM2	Applied Research Statistics	2
o65TAXPM4	Anxiety Disorders and Psychomotricity	2
o65TNRAM4	Neurodevelopmental Disorders in Adults	3
	Total	24

COURSE DESCRIPTION

o65ATCPM2	Advanced Body Awareness Workshop	3 Cr.
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This course forms a foundation for rehabilitative practice in psychomotricity. It helps deepen the awareness of bodily skills related to body schema integration, muscle tone regulation, breathing, motor abilities (coordination, support, balance), rhythm, and space, enabling the psychomotor therapist to develop an empathetic and quality attitude towards themselves and others in the care relationship.

o65BRTPM1	Biofeedback and Rehabilitation of Psychomotor Disorders	2 Cr.
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This course offers an advanced exploration of biofeedback applications in the rehabilitation of psychomotor disorders. It deepens students' understanding of the physiological mechanisms underlying psychomotor disorders and the biofeedback-based rehabilitation strategies. The course covers essential biofeedback principles and introduces various physiological measurement techniques, including electromyography (EMG), electroencephalography (EEG), and heart rate variability (HRV). Students will develop a thorough understanding of the concepts of biological feedback and their role in modifying physiological and behavioral responses. This course also examines specific applications of biofeedback in the rehabilitation of psychomotor disorders, such as motor coordination disorders, muscle tone disorders, and emotional regulation disorders. Students will also learn to guide patients in recognizing their physiological responses, adjusting muscle activity, and enhancing motor control.

065TECPM3	Body Schema: From Theory to Clinic	2 Cr.
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This course provides students with foundational knowledge about the body schema, a key concept in psychomotricity, and one of the therapist's preferred tools. For many psychomotor treatments, the body schema often constitutes the central axis that supports the entire therapy. This course explores the main aspects of this concept through theoretical and clinical lenses. Initially, Ajuriaguerra's definition guides this exploration, highlighting the sensory and motor foundations of the body schema. A look at neuroanatomy offers a new perspective, incorporating emotion and representation. Clinically, students will examine how and why body schema disorganization is present in many psychomotor and pathological disorders. The course also addresses the challenges psychomotor therapists encounter in practice.

065ACTPM1	Cognitive Approach to Psychomotor Disorders	2 Cr.
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This course enables students to understand cognitive-behavioral concepts and techniques and analyze their application in psychomotor rehabilitation.

065APCOM4	Cognitive and Socio-Interactionist Approach to Language	2 Cr.
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This course provides essential theoretical knowledge for understanding language acquisition, particularly word formation.

065NECGM3	Cognitive Neurosciences	2 Cr.
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This course aims to highlight the existing links between various cognitive disorders and the underlying mechanisms in the nervous system.

065TCMNM3	Handling Techniques	2 Cr.
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This course is a prerequisite for rehabilitative practice in psychomotricity concerning handling techniques for individuals with cerebral palsy. It equips students with the necessary skills to analyze different postures and allows beneficiaries to adopt normal neuromotor patterns to perform an activity, according to the concept of neurodevelopmental approach. Handling techniques are covered in three aspects: posture, posture transition, and carrying. Besides theoretical principles, the course offers practical work sessions to experiment with the different techniques covered.

065EC2SM2	Introduction to Health Policy and Systems	2 Cr.
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This course provides students with a foundational knowledge of health policies and systems, teaching the concepts, principles, and scientific skills necessary to strengthen health systems and improve population health. Students will learn to anticipate future needs related to the evolution of community health models and emerging societal needs, and to the development of health policies. While public health professionals typically propose technical solutions to population health challenges, they often encounter complex policy-making processes. Elements such as power, interests, politics, and human rights play a significant role in shaping program development, policy creation, and implementation. This course offers a comprehensive introduction to the structures and objectives of health systems, as well as an exploration of power dynamics and processes in health policy.

065LEGIM1	Legislation	2 Cr.
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This course familiarizes students with labor law and social security law. By the end of this course, they will be aware of their rights and obligations in the workplace, both as future employees or employers.

065INMAM1	Management and Leadership	2 Cr.
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This course introduces students to basic management principles, concepts, and tools. It enables students, particularly those working in institutional, school, or medical settings, to conduct a holistic analysis of the management systems they are part of and equips them to act as change agents within these systems.

065ANMVM2	Movement Analysis	3 Cr.
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This course aims to provide students with a solid understanding of the fundamental principles of biomechanics, as well as practical skills to collect, analyze, and interpret data related to human movement.

065CTMTM1	Motor Control	2 Cr.
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This course addresses theoretical frameworks that explain how organized systems acquire, retain, and transform knowledge to meet situational demands and adapt to their environment. Motor skills are examined as the result of a series of information processing stages, including selection, programming, and controlled execution.

065NMLPM2	Neurocognitive Processes of Motor Skills and Language and their Pathologies	3 Cr.
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This course explores in depth the complex mechanisms underlying the development of motor skills and language, as well as the disruptions that can occur in these areas. Based on current research, case studies, and practical approaches, this course also prepares students to understand and effectively address disruptions in the neurocognitive processes of motor skills and language.

065OTRVM1	Orthoptics and Visual Rehabilitation	2 Cr.
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This course prepares students to understand and effectively manage orthoptic disorders and patients undergoing visual rehabilitation in their professional practice in psychomotricity. This course offers an in-depth exploration of the theoretical principles and clinical practices related to the correction of vision disorders and visual rehabilitation, such as convergence disorders, oculomotor coordination, and binocular vision, as well as their impact on the motor, cognitive, and emotional development of individuals. Particular attention is given to clinical evaluation techniques for visual disorders, including the interpretation of orthoptic tests and functional vision assessments. Students will learn how to develop individualized visual rehabilitation plans based on the specific needs of each patient, incorporating therapeutic approaches such as vision therapy, perceptual-motor rehabilitation, and sensory stimulation. Emphasizing the importance of interdisciplinary collaboration, this course also explores the role of the orthoptist and the psychomotor therapist within a multidisciplinary care team.

065ACCFM2	Parental Support	2 Cr.
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This course addresses the individual as a unique person in relationship with their immediate environment, the family, and their broader environment, which is society. It emphasizes a comprehensive approach in which students, as professionals, engage with their environment—particularly their family—through providing information, prevention efforts, collaboration, or direct intervention.

065ANP1M1	Practice Analysis 1	2 Cr.
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This course is an important prerequisite for the CDSP internship. It helps students consolidate the basics of rehabilitative and therapeutic practice in psychomotricity: elements of the psychomotor examination protocol, evaluation batteries and tests, detailed progression of psychomotor objectives, training in writing a psychomotor report, and setting up a therapeutic project. It also allows for the development and analysis of psychomotor practice in relation to various theoretical inputs and multidisciplinary follow-ups.

065APCDM2	Practice Analysis 2	2 Cr.
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This course allows for the development and analysis of psychomotor practice in relation to various theoretical inputs. It aims to promote reflection on the diagnostic process and collaboration within a multidisciplinary team.
Prerequisite: Practice Analysis 1 (065ANP1M1)

065PMNFM3	Project Management and Fundraising	2 Cr.
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This multidisciplinary course provides students with essential skills for planning, executing, and monitoring projects in the psychosocial field, while also equipping them with the knowledge to mobilize financial resources to support these projects. Students will learn to develop project charters, define clear objectives, allocate resources efficiently, and manage risks. In parallel, this course addresses various fundraising strategies, such as grant writing, donor retention, sponsorship acquisition, and crowdfunding. Special attention is given to developing persuasive communication skills to engage stakeholders and secure financial support.

065STGPM1	Professional Internship in Psychomotor Therapy CDSP 1	4 Cr.
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This first-semester internship aims to strengthen therapeutic practice through improved theoretical-practical integration, with the goal of optimal integration into the job market.

065STCDM2	Professional Internship in Psychomotor Therapy CDSP 2	4 Cr.
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This second-semester internship aims to optimize rehabilitative practice and the therapeutic approach in psychomotor therapy, thereby consolidating professional identity.

Prerequisite: Professional Internship in Psychomotor Therapy CDSP 1 (065STGPM1)

065SPI1M1	Professional Internship in Psychomotor Therapy Institution 1	2 Cr.
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The PIP internship aims to consolidate professional identity and perfect practice in rehabilitation and care sectors. It can take place in various professional settings. The institutional internship focuses on rehabilitative and therapeutic aspects of psychomotor disorders, while internships in hospital care settings also target therapeutic and rehabilitative objectives.

065SPI2M2	Professional Internship in Psychomotor Therapy Institution 2	2 Cr.
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This second-semester internship aims to strengthen therapeutic practice through better theoretical-practical integration for optimal insertion into the job market.

Prerequisite: Professional Internship in Psychomotor Therapy Institution 1 (065SPI1M1)

496EISPM2	Public Health Ethics	2 Cr.
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This course introduces students to basic ethical concepts, highlighting the interdisciplinary nature of ethics and the importance of appropriate normative frameworks for intervention and research in public health. It also addresses ethical dilemmas in research and outlines the legal foundations of public health services. By the end of the course, students will be able to identify, design, and clarify ethical issues in public health practice.

065TPRAM2	Psychomotor Disorders: Current Research	3 Cr.
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This course enables students to critically engage with the evolving scientific literature on psychomotor disorders. It emphasizes not only familiarization with current research but also the development of analytical skills and conceptual tools necessary for ongoing critical evaluation throughout one's professional career. The development of this skill set is key to achieving future professional autonomy.

065RECHM1	Research Methodology	3 Cr.
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This course enables students to initiate independent and applied research on assessment tools and rehabilitation protocols. It also deepens their understanding of applied research techniques. By the end of this course, students will be able to: conduct scientific research while respecting the required epistemological, ethical, and methodological requirements, and select research types suitable for the diversity of issues in psychomotricity-related fields.

065ANGSM2	Scientific English	2 Cr.
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This course focuses on writing texts based on the best scientific evidence while adhering to specific editorial standards, fostering the production of high-quality scientific literature. It contributes to the development of students' analytical and critical thinking skills in relation to scientific writing within this emerging body of work. It also enables students to improve their academic writing skills, as they prepare at this stage of their training to produce scientific documents such as a research paper or a final thesis.

065CLS2M1	Specific Terminologies: Specialized Arabic Language Course (CLAS)	2 Cr.
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This course is open to Speech-Language Therapy students. Its objective is to enhance the understanding of specialized Arabic language and technical terminology in the field of rehabilitation, particularly in psychomotor therapy and speech-language therapy, and to enable students to use this language correctly and effectively in professional contexts. This includes engaging in conversations or verbal presentations, as well as producing well-structured professional written documents.

065STATM1	Statistics	3 Cr.
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This course is structured around two main themes: the development of a research proposal, and the scientific design and writing of statistical study results in psychology. Students will learn key data processing techniques and apply them directly using SPSS software. The results analyzed using the various techniques taught during the course are systematically interpreted and presented either as written reports or oral presentations. Through psychomotor therapy case studies, students will learn to apply appropriate statistical tests to identify correlations and determine whether differences between means are statistically significant, using non-parametric tests.

065ACINM2	Support and Inclusion	2 Cr.
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This course enables students to gain an in-depth understanding of the specific needs of individuals with disabilities, as well as the potential barriers to their full participation in educational, academic, and professional settings. They will also explore various models of support and inclusion, with a focus on person-centered approaches, interdisciplinary collaboration, and the adaptation of environments to meet individual needs. This course examines relevant policies and regulatory frameworks related to support and inclusion, as well as the practical challenges of implementing these policies in different institutional contexts. Students will develop practical skills such as observation, needs assessment, individualized planning, effective communication with stakeholders, and collaboration with professionals from various fields.

065AVPMM2	Thesis Proposal	3 Cr.
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This course introduces the thesis work that each student must complete at the end of the master's program. It focuses on developing the conceptual framework and methodological tools for effective progress on research topics. Special attention is given to writing techniques and the search for bibliographic sources.

040STTIM2	Applied Research Statistics	2 Cr.
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This course aims to master the main inferential statistical methods to enable their use in various coursework. At the end of this course, students will be able to independently use appropriate software (SPSS, NVivo, etc.) and conduct their own statistical analysis. The course emphasizes the application of statistics in the health and language sciences, with content tailored to each concentration.

The *Neurological Disorders and Disabilities* concentration focuses on research into conditions affecting the nervous system, which may cause significant physical, sensory, cognitive, or emotional impairments. It includes, among others, multiple sclerosis, Parkinson's disease, epilepsy, traumatic brain injuries, and strokes. Disability more broadly refers to any limitation that restricts participation in daily activities and may result from neurological disorders, brain injuries, genetic diseases, trauma, or other causes. This concentration also addresses complications related to premature birth.

The *Neurodevelopmental Disorders and Mental Health* concentration examines conditions that affect brain development and functioning, as well as psychological and emotional well-being. Neurodevelopmental disorders include, in particular, autism, attention deficit hyperactivity disorder (ADHD), and specific learning disorders. Mental health encompasses the management of emotions, interpersonal relationships, resilience to stress, and the ability to adapt effectively in daily life.

065TAXPM4	Anxiety Disorders and Psychomotricity	2 Cr.
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This course explores the relationship between anxiety disorders and psychomotor disorders. It examines the various manifestations of anxiety disorders and their impact on motor, emotional, and cognitive development. Students will learn to assess and intervene with patients presenting anxiety disorders using specific psychomotor therapeutic approaches. Through practical case studies, they will develop the skills to offer effective support and improve the well-being of patients facing these challenges.

065RAAPM3	Current Research on Autism in Psychomotricity	2 Cr.
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This course aims to present ongoing research work to provide students with in-depth knowledge of the subject and to help them engage with the research theme through directed work on scientific literature. The goal is to develop their analytical skills and, if necessary, enable them to create a specific project. Content and bibliographic references will be updated annually by the instructors based on scientific advances.

o65GRSPM3	Gerontology and Palliative Care	2 Cr.
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This course offers psychomotricity students training in palliative care applied to gerontology. It aims to improve their theoretical knowledge and professional skills in supporting elderly individuals in palliative phases, regardless of their professional setting or intervention status.

o65TNRAM4	Neurodevelopmental Disorders in Adults	3Cr.
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This course explores the long-term prognoses of disorders that persist from childhood into adulthood. It examines conditions such as autism spectrum disorder (ASD), attention deficit hyperactivity disorder (ADHD), specific language disorder, and developmental coordination disorder (DCD). Students will learn to assess the needs of adults with these disorders and design intervention programs tailored to promote their well-being and autonomy. Based on case studies and practical approaches, this course prepares students to provide effective support to adults with neurodevelopmental disorders.

o4oRENAM1	Neurofunctional Rehabilitation Models in Autism: Example of EDT	3Cr.
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This course introduces Autism Spectrum Disorder (ASD) as a neurodevelopmental disorder affecting social interaction, social communication, and characterized by sensory behavior issues, as well as restricted and repetitive interests. Research in this field continues to evolve, encompassing neurobiological theories and intervention studies. This course aims to present the latest intervention advances in autism, with a particular focus on the “Exchange and Development Therapy” (EDT). It explains that EDT was developed in Tours at François-Rabelais University and the CHRU (Regional University Hospital Center) by a team of child psychiatry specialists in autism: Gilbert LELORD, Catherine BARTHELEMY, and Laurence HAMEURY. It is based on a neuro-functional and developmental conception of autism and aims to stimulate deficient functions such as attention to others, intention, and imitation, by engaging the activity of the brain’s integrative systems—thus achieving functional rehabilitation. How can EDT help children with autism? According to its developers, EDT aims to “untangle” the child by helping them discover that they can look, listen, and make associations. It encourages reciprocal exchanges through play and, through these interactions, fosters the development of communication. This rehabilitative therapy is therefore conducted in playful sessions tailored to the child’s developmental profile across all domains.

o65RHPAM4	Rehabilitation in Adult Psychiatry	2Cr.
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This course explores strategies and techniques used to help adults facing psychiatric disorders. It examines a range of disorders such as mood disorders, anxiety disorders, psychotic disorders, and personality disorders. Students will learn to evaluate the individual needs of patients, design personalized rehabilitation programs, and implement appropriate therapeutic interventions. Based on case studies and practical approaches, this course prepares students to provide effective support to adults with psychiatric disorders and help them improve their quality of life and autonomy.

o65RHPIM4	Rehabilitation in Child Psychiatry	2Cr.
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This course explores methods and approaches used to help children and adolescents dealing with psychiatric disorders. It examines various pathologies such as behavior disorders, mood disorders, and attachment disorders in young people. Students will learn to evaluate the specific needs of children, design appropriate rehabilitation programs, and collaborate with other healthcare professionals to provide comprehensive support. Based on case studies and therapeutic practices, this course prepares students to offer effective assistance in child psychiatry.

o65SEMML3	Research Seminar	2 Cr.
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During these seminars, students will attend presentations of various research projects conducted by established researchers, allowing them to deepen their understanding of research methodology through the analysis of diverse approaches applied to real-world issues. In addition, they will engage in critical discussions around the proposed hypotheses and the methodological choices made. The main objective is to enable students to identify, justify, and defend their theoretical and methodological choices through well-reasoned arguments. The content is tailored to each concentration. The Neurological Disorders and Disabilities concentration focuses on research related to conditions affecting the nervous system, which may lead to physical, sensory, cognitive, or emotional



impairments. It includes, in particular, multiple sclerosis, Parkinson's disease, epilepsy, traumatic brain injuries, and strokes. Disability, more broadly, refers to any limitation that hinders participation in daily activities and may result from neurological disorders, brain injuries, genetic diseases, trauma, or other causes. This concentration also addresses complications related to premature birth.

The Neurodevelopmental Disorders and Mental Health concentration examines conditions that affect brain development and functioning, as well as psychological and emotional well-being. Neurodevelopmental disorders include, among others, autism, attention deficit hyperactivity disorder (ADHD), and specific learning disorders. Mental health encompasses the management of emotions, interpersonal relationships, resilience to stress, and the ability to adapt in daily life.

o65MEMPM3**Thesis - Part 1****6 Cr.**

This course provides students with the knowledge and skills necessary for the effective design and management of a research project. Sampling techniques, data collection, and data analysis form the core of this learning process. Throughout the course, students benefit from continuous and personalized guidance. The content is tailored to each concentration. The Neurological Disorders and Disabilities concentration focuses on research related to conditions affecting the nervous system, which may lead to physical, sensory, cognitive, or emotional impairments. It includes, in particular, multiple sclerosis, Parkinson's disease, epilepsy, traumatic brain injuries, and strokes. Disability, more broadly, refers to any limitation that hinders participation in daily activities and may result from neurological disorders, brain injuries, genetic diseases, trauma, or other causes. This concentration also addresses complications related to premature birth. The Neurodevelopmental Disorders and Mental Health concentration examines conditions that affect brain development and functioning, as well as psychological and emotional well-being. Neurodevelopmental disorders include, among others, autism, attention deficit hyperactivity disorder (ADHD), and specific learning disorders. Mental health encompasses the management of emotions, interpersonal relationships, resilience to stress, and the ability to adapt in daily life.

o65MEM2M4**Thesis - Part 2****8 Cr.**


This course provides students with the knowledge and skills necessary for the effective design and management of a research project. Students will work with software for both qualitative and quantitative data analysis and are expected to demonstrate precision in formatting and academic writing. Continuous and personalized guidance is provided throughout the process. Particular attention is given to the quality of research writing, the use of bibliographic sources, and the development of oral presentation skills in preparation for the thesis defense. The content is tailored to each concentration. The Neurological Disorders and Disabilities concentration focuses on research related to conditions affecting the nervous system, which may lead to physical, sensory, cognitive, or emotional impairments. It includes, in particular, multiple sclerosis, Parkinson's disease, epilepsy, traumatic brain injuries, and strokes. Disability, more broadly, refers to any limitation that hinders participation in daily activities and may result from neurological disorders, brain injuries, genetic diseases, trauma, or other causes. This concentration also addresses complications related to premature birth. The Neurodevelopmental Disorders and Mental Health concentration examines conditions that affect brain development and functioning, as well as psychological and emotional well-being. Neurodevelopmental disorders include, among others, autism, attention deficit hyperactivity disorder (ADHD), and specific learning disorders. Mental health encompasses the management of emotions, interpersonal relationships, resilience to stress, and the ability to adapt in daily life.


o65REAVM3**Auditory and Vestibular Rehabilitation****2 Cr.**

This course explores rehabilitation methods for these disorders following an introduction to vestibular and auditory disorders. It trains students to assess and develop personalized programs to help patients regain their auditory and vestibular functions. This course also covers different rehabilitation approaches, with an emphasis on interdisciplinary collaboration to provide comprehensive care. Through practical case studies, students will acquire the skills necessary to provide effective interventions and improve patients' quality of life.

o65EPLPM4**Epilepsy and Psychomotricity****2 Cr.**

This course explores the relationship between epilepsy and disorders of movement, development, and behavior. It examines the effects of epilepsy on the motor, cognitive, and emotional systems of individuals. Students will learn to evaluate the specific needs of patients with epilepsy, design appropriate rehabilitation programs, and implement therapeutic interventions to improve their quality of life. Based on case studies and practical





approaches, this course prepares students to provide effective support to patients with epilepsy and help them overcome the challenges related to this neurological condition.

065REHPM3	Haptic Rehabilitation	2 Cr.
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This course explores the principles and applications of touch-based rehabilitation techniques, enhancing students' understanding of sensory mechanisms and specific interventions in haptic rehabilitation. Students will learn the neurophysiological basis of the haptic system, including tactile perception, proprioception, and kinesthesia, and how to assess and develop personalized rehabilitation programs for patients with haptic deficiencies. The course also covers rehabilitation tools and techniques, including sensorimotor activities and touch therapy, as well as the integration of virtual reality and human-machine interfaces.

065LDRIM4	Laboratories: Between Diagnosis and Research - Medical Imaging	2 Cr.
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This course explores the world of diagnostic radiology and medical imaging research. Students will learn to interpret radiological images, understand the physical principles underlying each technique, and identify common pathologies. This course also explores the latest technological advancements in medical imaging and participates in research projects aimed at improving diagnostic and therapeutic methods.

065PHRMM4	Physical and Rehabilitation Medicine/ Orthotist	2 Cr.
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This course explores the principles and practices of physical rehabilitation as well as the design and manufacture of orthopedic and prosthetic devices. It examines the anatomical and physiological foundations of rehabilitation, as well as advanced techniques for designing and manufacturing custom orthopedic and prosthetic devices. Students will learn to evaluate the individual needs of patients; design tailored solutions and provide personalized follow-up to optimize rehabilitation and quality of life for patients. Based on case studies and clinical practices, this course prepares students to play a crucial role in physical rehabilitation and offers effective support to people facing functional limitations.

065PNTCM3	Psychomotricity in Adult Neurology	2Cr.
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This course covers the concepts and techniques of psychomotor rehabilitation for adults with neurodegenerative diseases.

065PNENM3	Psychomotricity in Neonatology	2 Cr.
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This course explores the principles and practices of psychomotricity in the care of premature or term-born infants with complex medical conditions. It examines the specific needs of infants in terms of motor, sensory, and emotional development within the context of the neonatal unit. Students will learn to assess the sensorimotor development of infants, design appropriate stimulation and intervention programs, and collaborate with the medical team to ensure integrated and individualized care. Based on case studies and clinical practices, this course prepares students to provide essential support to infants and their families during this critical development period.

065REVSM3	Visual and Motor Rehabilitation	2 Cr.
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Following an introduction to visual disorders, this course explores the techniques and strategies for rehabilitating psychomotor disorders resulting from visual impairments. It trains students to evaluate and design personalized programs to help patients improve their psychomotor function. This course also covers different rehabilitation approaches, with an emphasis on a holistic approach integrating coordination with other healthcare professionals. Through practical case studies, students will acquire the skills to provide effective interventions and improve patients' quality of life.

065EVCPM3	Complementary Assessments in Psychomotricity	2 Cr.
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This course explores the use and interpretation of recent tests in the field of psychomotricity. It aims to familiarize students with various contemporary measurement and evaluation methods that better highlight children's difficulties. Combining a solid theoretical approach with practical applications, this course aims to equip students with the necessary skills to effectively integrate these assessments into their professional practice in psychomotricity, maintaining an ethical and patient-centered perspective.



070EDAIM1	Digital Education in the Age of Artificial Intelligence	2 Cr.
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This course examines how artificial intelligence is revolutionizing the use of digital tools in the classroom and, more broadly, in education systems. It explores AI's considerable potential to advance education. This course also aims to train students in educational technologies derived from artificial intelligence, their principles of application and integration into teaching/learning sequences and their potential for the future.

065APPPM4	Psychological Support in Crisis: Support for Parents and Patients	2 Cr.
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This course focuses on practical skills needed to assess and manage sensitive situations, such as detecting and addressing suicidal ideation, abuse, neglect cases, and other common psychosocial issues in primary care. Students will learn to develop active listening skills, conduct risk assessments, and manage crises, while considering the specific needs of patients and their families. Intervention and support techniques are also covered, emphasizing a holistic and person-centered approach. Combining theory and practice, this course aims to provide students with the skills and knowledge necessary to work effectively and ethically with patients and their families in a primary care context, focusing on prevention, support, and psychosocial well-being.

016PSBBM3	Psychology of the Person with Special Needs	4 Cr.
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This course allows students to identify the different issues and psychological changes that a child's disability generates within the couple and the family, and identify the psychological experience, the suffering of the person with a disability and the psychosocial impact of the disability in daily life. This course also allows the analysis of the relational dynamics that are woven between education professionals, people with special needs and their families.

065IPGSM1	Psychomotor Intervention in the Hospital - Gerontology and Palliative Care	2 Cr.
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This course allows students to immerse themselves in the hospital environment, acquiring specific techniques related to pathologies requiring palliative care. Students will learn to adapt their activity according to the patient's health needs. By the end of this course, they will be able to: ensure evaluation expertise, evaluate a psychomotor intervention process, manage a complex intervention involving a multidisciplinary team, and implement a treatment plan in an echo-systemic approach within the framework of gerontology and palliative care.

Prerequisite: Gerontology and Palliative Care (065GRSPM3)

065RFLXM1	Reflexivity in Psychomotricity	2 Cr.
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This course aims to achieve the dual objective of understanding the existential attitude required for reflection and putting this reflection into practice in daily and professional life. Reflection involves maintaining a dialogue with oneself, being two in one; ethical reflection is also dialogical as it considers the possible presence of others. Thus, reflection, dialogue, and ethics are inseparable. Reflecting is being alone with oneself, maintaining an internal dialogue that is essential for any authentic dialogue with others. This course focuses on the practical application of virtues related to reflection on ethical issues in professional practice. Concepts such as responsibility, guilt, denial, and attention to others are also explored.

The first part of the course focuses on understanding what reflection is, emphasizing its critical and open-minded nature. The second part applies reflection on ethical and existential situations. Through the analysis of philosophical tales, we will also reflect on the possibility of a philosophy for children, its benefits, and its relevance to psychomotricity.

065TCHSM1	Technology in Psychomotricity	2Cr.
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This course explores how advancements such as Virtual Reality (VR) are transforming therapeutic practices. VR enables patients to engage in interactive and realistic exercises, providing immediate feedback that stimulates engagement and motivation. Students will learn how to integrate scientific data to personalize treatments and improve the effectiveness of rehabilitation care.

016PEIIM2	The Individualized Educational Program	2 Cr.
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This course allows students to deepen their knowledge of the individualized educational program as a process and product in order to use it in their professional practice.

040ARMTL8	Current Medical Research on Developmental Disorders	3 Cr.
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This course aims to update students' scientific knowledge regarding the main types of developmental disorders, improve their understanding of these disorders, and propose more appropriate assessments and treatments to provide effective support to families. It also allows students to analyze patient profiles, considering the comorbidity of disorders, and to acquire essential clinical knowledge for collaboration with other practitioners.

065IPSPM1	Psychomotor Intervention in the Hospital - Psychiatry	2 Cr.
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This course allows students to engage in the hospital environment, acquiring specific techniques related to pathologies requiring hospital care in the psychiatry department. Students will also learn to adapt their activities according to the patient's health needs.

065STHPM1	Psychomotor Intervention in the Hospital - Neonatology	2 Cr.
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This course allows students to engage in the hospital environment, acquiring specific techniques related to pathologies requiring specialized hospital care in the neonatal care unit. Students will also learn to adapt their activities according to the patient's health needs.

065IHNAM1	Psychomotor Intervention in the Hospital - Adult Neurology	3 Cr.
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This course allows students to engage in the hospital environment, acquiring specific techniques related to pathologies requiring specialized hospital care in a rehabilitation center. Students will also learn to adapt their activities according to the patient's health needs.