

Master in Motor skills : General

Focus Sports pathology

> Focus on health, fitness, and nutrition:

The Master with a focus on health, fitness, and nutrition is based on a multidisciplinary approach that covers: exercise physiology, planning of physical activities, taking into account the age and potential pathologies or limitations of each person, physical fitness tests, medical and traumatic pathologies, and public health. As physical activity is inseparable from a healthy and appropriate diet, the programme will cover the basics of diet and nutrition. The teaching methods used, as well as the many work placements/internships in the real world, promote the development of the students' practical skills.

> Focus on sports pathologies:

The programme includes five modules that are suited to the realities of clinical practice, as well as work placements/internships and opportunities to reflect on specialised professional practices. Emphasis is placed on understanding the specific requirements and constraints of athletes.

> Focus on osteopathy;

The programme is mainly organised around three course clusters: biomedical sciences, medical sciences, and osteopathic practice. It includes courses on functional pathologies of the locomotor system, covering clinical, diagnostic, and therapeutic aspects. The students' training is completed by a series of seminars on specific therapeutic approaches.

> Research focus;

This programme provides the skills required to pursue a PhD, and includes a number of work placements/internships in research laboratories.

Bloc 1 | M-MOTRS | MA-MOTR

Cours obligatoires

Le programme du bloc 1 est la valorisation de 60 crédits reconnus après l'obtention d'un master en kinésithérapie et réadaptation ou d'un master en médecine ou d'un master complémentaire ou de spécialisation en ostéopathie.

TEMP-0000

[Cours extérieurs au programme](#)

🕒 60 credits 📅 academic year 🗨️ French

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MA-MOTR | M-MOTRS | 2024-2025

Bloc 2 | M-MOTRS | MA-MOTR

Cours obligatoires

- BIME-I5245** [Stages et travaux pratiques de formation professionnelle \(II\)](#) | Joachim Van Cant (Coordinator), Jean-Michel ANNAERT, Ana BENGOTXEA, Alain CARPENTIER, Gaël DEBOECK, Vitalie FAORO, Véronique FEIPEL and Malgorzata KLASS
 10 credits [work placement: 72h, personal assignments: 48h] first and second terms French
- MEMO-I500** [Mémoire](#)
 15 credits [mfe/tfe: 180h] academic year French

Finalité Pathologies sportives

- BIME-I516** [Des concepts de la physiologie à l'entraînement sportif](#) | Alain CARPENTIER (Coordinator), Nathalie GUISSARD and Justine MAGNARD
 5 credits [lecture: 24h, practical work: 9h, seminars: 2h, personal assignments: 25h] first term French
- BIME-I517** [Dopage et assuétudes - aspects pharmacologiques, psychologiques et législatifs](#) | Jennifer FOUCART (Coordinator) and Martin Chaumont
 5 credits [lecture: 24h, seminars: 4h, personal assignments: 30h] second term French
- BIME-I533** [Stages d'intégration professionnelle](#) | Joachim Van Cant (Coordinator), Jean-Michel ANNAERT and Ana BENGOTXEA
 5 credits [work placement: 78h] first and second terms French
- KINE-I5025** [Prévention et réadaptation interdisciplinaire des atteintes neuro-musculo-squelettiques du sportif](#) | Joachim Van Cant (Coordinator)
 10 credits [lecture: 40h, practical work: 40h, personal assignments: 40h] second term French
- MEDI-I501** [Intérêts et limites de l'activité physique, y compris dans les conditions extrêmes](#) | Vitalie FAORO (Coordinator) and Bert Celie
 5 credits [lecture: 30h, practical work: 6h, personal assignments: 24h] first term French

Modules d'options

- MEDI-I502** [Traumatologie du sport](#) | Jean-Michel ANNAERT (Coordinator)
 5 credits [lecture: 60h] first term French

Module complémentaire pour les médecins

Up to one course chosen from the following

- BIME-I5395** (optional) [Bases de la physiologie adaptée à l'activité physique](#) | Alain CARPENTIER (Coordinator), Stéphane BAUDRY, Bert Celie, Vitalie FAORO, Nathalie GUISSARD and Malgorzata KLASS
 5 credits [lecture: 24h, tutorial classes: 2h, seminars: 4h, personal assignments: 32h] first term French