

Master in Motor skills : General

Focus Research

> 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-MOTRA | MA-MOTR

Cours obligatoires

- BIME-I410** [Stages et travaux pratiques de formation professionnelle \(I\)](#) | Mathieu BOURGUIGNON (Coordinator), Stéphane BAUDRY, Ana BENGOETXEA, Alain CARPENTIER, Gaël DEBOECK, Vitalie FAORO, Véronique FEIPEL, Malgorzata KLASS and David Zarka
 ⓘ 10 credits [work placement: 90h, personal assignments: 30h] 📅 academic year 🗨️ French
- BIME-I4224** [Méthodologie appliquée aux sciences de la motricité](#) | Alain CARPENTIER (Coordinator), Ana BENGOETXEA, Mathieu BOURGUIGNON, Jacques DUCHATEAU, Nathalie GUISSARD, Walid SALEM and David Zarka
 ⓘ 5 credits [lecture: 36h, practical work: 24h] 📅 first and second terms 🗨️ French
- BIME-I4284** [Physiologie adaptée à l'activité motrice](#) | Alain CARPENTIER (Coordinator), Stéphane BAUDRY and Vitalie FAORO
 ⓘ 5 credits [lecture: 54h] 📅 first term 🗨️ French
- BIME-I4294** [Physiologie, diététique et premiers soins](#) | Stéphane BAUDRY (Coordinator), Alain CARPENTIER, Vitalie FAORO and Marc VAN NUFFELEN
 ⓘ 5 credits [lecture: 24h, tutorial classes: 12h, practical work: 24h] 📅 first and second terms 🗨️ French
- MEMO-I4034** [Travaux préparatoires au mémoire et utilisation des outils informatiques](#) | Caroline VERHOEVEN (Coordinator)
 ⓘ 5 credits [tutorial classes: 12h, personal assignments: 48h] 📅 second term 🗨️ French
- PSYC-I4034** [Psychiatrie et psycho-physiologie de la douleur](#) | Ana Maria CEBOLLA ALVAREZ (Coordinator) and Pierre OSWALD
 ⓘ 5 credits [lecture: 36h, personal assignments: 24h] 📅 first and second terms 🗨️ French

Finalité approfondie

- BIME-I411** [Approche transdisciplinaire de la recherche en Sciences de la Motricité](#) | Véronique FEIPEL (Coordinator), Stéphane BAUDRY, Ana BENGOETXEA, Alain CARPENTIER and Gaël DEBOECK
 ⓘ 15 credits [work placement: 120h, personal assignments: 60h] 📅 academic year 🗨️ French

Modules d'options

- BIME-I4244** [Recherche en sciences de la motricité I](#) | Alain CARPENTIER (Coordinator) and Véronique FEIPEL
 ⓘ 10 credits [seminars: 30h, personal assignments: 90h] 📅 second term 🗨️ French

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MA-MOTR | M-MOTRA | 2023-2024

Bloc 2 | M-MOTRA | MA-MOTR

Cours obligatoires

- BIME-I5245 [Stages et travaux pratiques de formation professionnelle \(II\)](#) | Joachim Van Cant (Coordinator), Jean-Michel ANNAERT, Ana BENGOETXEA, 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 approfondie

L'étudiant est tenu de choisir deux cours de 5 crédits dans les cours des autres programmes.

- BIME-I5255 [Stage spécifique de recherche en laboratoire](#) | Alain CARPENTIER (Coordinator) and Véronique FEIPEL
🕒 5 credits [work placement: 100h] 📅 first and second terms 🗨️ French
- TEMP-0000 [Cours extérieurs au programme](#)
🕒 10 credits 📅 academic year 🗨️ French

Modules d'options

- BIME-I5265 [Recherche en sciences de la motricité II](#) | Véronique FEIPEL (Coordinator), Stéphane BAUDRY, Ana BENGOETXEA, Alain CARPENTIER, Gaël DEBOECK, Nathalie GUISSARD and Basile STAMATOPOULOS
🕒 20 credits [lecture: 12h, work placement: 120h, personal assignments: 108h] 📅 first and second terms 🗨️ French