























Master in Biomedical Sciences

Focus Research

Bloc 1 | M-BIMEA | MA-BIMED

Cours obligatoires

- BIME-G4400 [Questions approfondies de microbiologie et immunologie médicale](#) | Véronique FLAMAND (Coordinator), Anne BOTTEAUX, Michel BRAUN, Mostafa CHAMEKH, Ricardo DE MENDONCA, Alain LE MOINE, Eric MURAILLE, Pierre SMEESTERS, Carine TRUYENS and Carine VAN LINT
 10 credits [lecture: 72h, practical work: 48h]  second term  French
- BIME-G4406 [Modèles cellulaires et animaux et FSTAL module 1](#) | Catherine LEDENT (Coordinator), SABINE COSTAGLIOLA and Alban DE KERCHOVE D'EXAERDE
 5 credits [lecture: 36h]  second term  French
- BIME-G4407 [Internship, Jobdays and Scientific communication](#) | Pascale VERTONGEN (Coordinator), Mariana IGOILLO ESTEVE, Laurence LADRIERE, Isabelle PIRSON and Basile STAMATOPOULOS
 5 credits [lecture: 12h, seminars: 10h, work placement: 250h]  first and second terms  French
- BMOL-G4401 [Signalisation intracellulaire et pathologies](#) | Isabelle PIRSON (Coordinator), Carine MAENHAUT and Bernard ROBAYE
 5 credits [lecture: 36h]  second term  French
- BMOL-G4410 [Tools for the development of pharmaceuticals and other therapeutic modalities](#) | Caroline VERHOEVEN (Coordinator), Ahmad AWADA and Joëlle NORTIER
 5 credits [lecture: 36h, practical work: 12h]  first term  English
- BMOL-G4417 [Genic expression and Oncology](#) | Pierre HEIMANN (Coordinator), François FUKS, Cyril GUEYDAN and Carine VAN LINT
 5 credits [lecture: 50h, tutorial classes: 50h]  first term  English
- BMOL-G4418 [Stem cells, Developmental genetics](#) | Cédric BLANPAIN (Coordinator) and Sumeet Pal SINGH
 5 credits [lecture: 24h]  first term  French
- CHIM-G4311 [Clinical biology and pathology](#) | Marie TRE-HARDY (Coordinator)
 5 credits [lecture: 36h]  first term  English
- INFO-G4410 [Bioinformatics](#) | Vincent DETOURS (Coordinator)
 5 credits [lecture: 24h, practical work: 24h]  first term  English
- MEDI-G4404 [Neurosciences \(part II\) : maladies nerveuses](#) | Alban DE KERCHOVE D'EXAERDE (Coordinator) and Jérôme Bonnefont
 5 credits [lecture: 44h]  second term  French
- MEDI-G4411 [Neurosciences \(part I\)](#) | Jean-Marie VANDERWINDEN (Coordinator), Alban DE KERCHOVE D'EXAERDE, David GALL and Hugo Levillain
 5 credits [lecture: 55h]  first term  English

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MA-BIMED | M-BIMEA | 2023-2024

Bloc 2 | M-BIMEA | MA-BIMED

Cours obligatoires

- BIME-G5502 **Séminaires de recherche scientifique** | Isabelle PIRSON (Coordinator), Véronique FLAMAND and Mariana IGOILLO ESTEVE
⌚ 15 credits [seminars: 15h, personal assignments: 150h] 📅 first and second terms 🗨 French
- MEMO-G5510 **Mémoire de fin d'études** | Isabelle PIRSON (Coordinator)
⌚ 30 credits [mfe/tfe: 600h] 📅 first and second terms 🗨 French

Stage au choix

A total of 15 credits chosen from the following

- BIME-G5501 (optional) **Stage long et Jobday** | Véronique FLAMAND (Coordinator)
⌚ 15 credits [workshop: 10h, work placement: 300h] 📅 second term 🗨 French
- BIME-G5513 (optional) **Stage court et job day** | Véronique FLAMAND (Coordinator)
⌚ 10 credits [workshop: 10h, work placement: 120h] 📅 first and second terms 🗨 French
- BIME-G5514 (optional) **Approche des nouvelles technologies** | SABINE COSTAGLIOLA (Coordinator)
⌚ 5 credits [project: 50h] 📅 first term 🗨 French