

Master in Biochemistry and Molecular and Cell Biology

Focus Research

Bloc 1 | M-BMOLA | MA-BMOL

Tronc commun

- BMOL-F007 **Lectures d'articles en biologie moléculaire** | Laurence VAN MELDEREN (Coordinator)
 5 credits [project: 80h] second term French
- BMOL-F4005 **Travaux pratiques de biologie moléculaire 1** | Laurence VAN MELDEREN (Coordinator), Bruno ANDRE, Fabienne ANDRIS, Mélanie BOECKSTAENS, Louis DROOGMANS, Cyril GUEYDAN, Véronique KRUYIS, Denis LAFONTAINE, Anna Maria MARINI, Maud MARTIN, David PEREZ-MORGA, Bernard ROBAYE, Carine VAN LINT and René WINTJENS
 5 credits [practical work: 48h] first term French
- BMOL-F4008 **Travaux pratiques de biologie moléculaire 2** | Laurence VAN MELDEREN (Coordinator), Fabienne ANDRIS, Eric BELLEFROID, Sabrina BOUSBATA, Dukas Jurénas, Maud MARTIN, David PEREZ-MORGA, Jacob SOUOPGUI and Benoît VANHOLLEBEKE
 5 credits [practical work: 48h] second term French
- BMOL-F414 **Scientific writing** | Abel GARCIA-PINO (Coordinator) and Etienne MEYLAN
 5 credits [practical work: 48h] first term English
- BMOL-F416 **Expression génique** | Cyril GUEYDAN (Coordinator), Véronique KRUYIS, Denis LAFONTAINE and Carine VAN LINT
 5 credits [lecture: 42h] first term French
- BMOL-F417 **Communication inter-cellulaire (signalisation/intégration des signaux)** | Benoît VANHOLLEBEKE (Coordinator) and Bernard ROBAYE
 5 credits [lecture: 28h, seminars: 8h] first term French
- BMOL-F460 **Organisation interne et physiologie de la cellule** | Bruno ANDRE (Coordinator), Denis LAFONTAINE and Maud MARTIN
 5 credits [lecture: 36h, practical work: 6h] first term French

Cours spécifiques

- BMOL-F003 **Biologie Structurale, Enzymologie et Protéomie** | Louis DROOGMANS (Coordinator), Sabrina BOUSBATA and Abel GARCIA-PINO
 5 credits [lecture: 44h, tutorial classes: 8h] first term French
- BMOL-F413 **Bioinformatique** | Matthieu DEFRACTANCE (Coordinator) and Jean-François FLOT
 5 credits [lecture: 48h] second term French

Cours optionnels

A total of 15 credits chosen from the following

- BMOL-F006 (optional) **Microbiologie moléculaire** | Carine VAN LINT (Coordinator), Mélanie BOECKSTAENS, Abel GARCIA-PINO, Dukas Jurénas, Anna Maria MARINI and Laurence VAN MELDEREN
 5 credits [lecture: 40h, tutorial classes: 12h] second term French
- BMOL-F418 (optional) **Immunologie et biologie du cancer** | Etienne MEYLAN (Coordinator), Fabienne ANDRIS and Stanislas GORIELY
 5 credits [lecture: 40h] second term French
- BMOL-F419 (optional) **Neuroscience et biologie cardiovasculaire** | Maud MARTIN (Coordinator), Eric BELLEFROID, Alban DE KERCHOVE D'EXAERDE, Serge SCHIFFMANN and Benoît VANHOLLEBEKE
 5 credits [lecture: 42h, seminars: 10h] second term French

BMOL-F420
(optional)

Relations hôtes-vecteurs-parasites: notions approfondies | Sabrina BOUSBATA (Coordinator) and Luc VANHAMME

🕒 5 credits [lecture: 36h, practical work: 24h] 📅 second term 🗨️ French

BMOL-F421
(optional)

Questions d'actualités en Biologie moléculaire et Physiologie cellulaire | Véronique KRUYIS (Coordinator), Bruno ANDRE and Cyril GUEYDAN

🕒 5 credits [lecture: 12h, tutorial classes: 30h] 📅 second term 🗨️ French

TEMP-0000
(optional)

Cours extérieurs au programme

🕒 5 credits 📅 academic year 🗨️ French

Master in Biochemistry and Molecular and Cell Biology

Focus Research

Bloc 2 | M-BMOLA | MA-BMOL

Tronc commun

- MEMO-F510 [Séminaires de recherche](#) | Laurence VAN MELDEREN (Coordinator)
🕒 5 credits [seminars: 48h] 📅 first and second terms 🗨️ French
- MEMO-F511 [Travail bibliographique en Biologie moléculaire](#) | Etienne MEYLAN (Coordinator)
🕒 10 credits [project: 48h] 📅 first and second terms 🗨️ French
- MEMO-F516 [Mémoire](#) | Laurence VAN MELDEREN (Coordinator)
🕒 30 credits [mfe/tfe: 900h] 📅 first and second terms

Cours spécifiques

- STAG-F022 [Stage de recherche en biologie moléculaire](#) | Sabrina BOUSBATA (Coordinator)
🕒 15 credits [work placement: 180h] 📅 academic year 🗨️ French