

Bachelor in Biology

Option Bruxelles





















Bloc 1 | BA-BIOLB | BA-BIOL

Cours obligatoires

- BIOL-F103 **Bases de la biologie des organismes** | Martine VERCAUTEREN (Coordinator) and Karine VAN DONINCK
⌚ 10 credits [lecture: 60h, tutorial classes: 24h, practical work: 24h, field trips: 12h] 📅 academic year 🗨 French
- BIOL-F104 **Bases moléculaires du vivant** | Cyril GUEYDAN (Coordinator), Mélanie BOECKSTAENS and Véronique KRUYSS
⌚ 10 credits [lecture: 64h, tutorial classes: 20h, practical work: 12h] 📅 academic year 🗨 French
- CHIM-F101 **Chimie générale** | François RENIERS (Coordinator), Laurence RONGY and Thierry VISART DE BOCARME
⌚ 15 credits [lecture: 84h, tutorial classes: 48h, practical work: 48h] 📅 first and second terms 🗨 French
- CHIM-F102 **Chimie organique 1** | Cécile MOUCHERON (Coordinator)
⌚ 5 credits [lecture: 30h, tutorial classes: 18h] 📅 second term 🗨 French
- ENVI-F1001 **Sciences de la Terre, Environnement et Société** | Pierre REGNIER (Coordinator), Jean-Michel DECROLY and Frank PATTYN
⌚ 5 credits [lecture: 48h, field trips: 12h] 📅 first and second terms 🗨 French
- MATH-F112 **Mathématiques 1** | Julie DE SAEDELEER (Coordinator), Dimitri LEEMANS and Bruno PREMOSELLI
⌚ 10 credits [lecture: 60h, tutorial classes: 60h] 📅 first and second terms 🗨 French
- PHYS-F104 **Physique 1** | Barbara CLERBAUX (Coordinator), Stéphane DETOURNAY and Michele SFERRAZZA
⌚ 5 credits [lecture: 40h, tutorial classes: 20h] 📅 first term 🗨 French

Bloc 2 | BA-BIOLB | BA-BIOL

Cours obligatoires

- BIOL-F201 **Botanique 1** | Pierre Jacques MEERTS (Coordinator)
 10 credits [lecture: 54h, practical work: 54h, field trips: 12h]  first and second terms  French
- BIOL-F202 **Zoologie 1** | Jean-Christophe DE BISEAU D'HAUTEVILLE (Coordinator) and Jean-François FLOT
 10 credits [lecture: 48h, practical work: 60h, field trips: 12h]  second term  French
- BIOL-F203 **Histo-physiologie animale** | Jacob SOUOPGUI (Coordinator) and Anna Maria MARINI
 5 credits [lecture: 48h, practical work: 12h]  second term  French
- BIOL-F204 **Microbiologie** | Laurence VAN MELDEREN (Coordinator)
 5 credits [lecture: 24h, tutorial classes: 12h]  second term  French
- BIOL-F208 **Biologie moléculaire et cellulaire** | Cyril GUEYDAN (Coordinator) and Maud MARTIN
 5 credits [lecture: 60h]  first term  French
- CHIM-F201 **Chimie analytique 1** | Thomas DONEUX (Coordinator)
 5 credits [lecture: 24h, practical work: 36h]  first term  French
- CHIM-F202 **Biochimie métabolique et structurale** | Véronique KRUYSS (Coordinator) and Vincent RAUSSENS
 5 credits [lecture: 60h]  first term  French
- INFO-F206 **Informatique** | Jean CARDINAL (Coordinator)
 5 credits [lecture: 24h, tutorial classes: 12h]  first term  French
- LANG-F201 **Anglais scientifique I** | Gillian Lucy (Coordinator)
 5 credits [tutorial classes: 48h]  second term  French
- PHYS-F205 **Physique 2** | Ioana Codrina MARIS (Coordinator) and Michele SFERRAZZA
 5 credits [lecture: 24h, tutorial classes: 14h, practical work: 22h]  first term  French

Bachelor in Biology

Option Bruxelles

Bloc 3 | BA-BIOLB | BA-BIOL

Cours obligatoires

- BIOL-F301 **Physiologie végétale** | Nathalie VERBRUGGEN (Coordinator)
 5 credits [lecture: 36h, practical work: 24h] second term French
- BIOL-F302 **Génétique** | Bruno ANDRE (Coordinator)
 5 credits [lecture: 30h, practical work: 24h] second term French
- BIOL-F303 **Laboratoires de biologie moléculaire** | David PEREZ-MORGA (Coordinator) and Guillaume OLDENHOVE
 5 credits [practical work: 48h] second term French
- BIOL-F307 **Biologie du développement** | Mondher EL JAZIRI (Coordinator) and Eric BELLEFROID
 5 credits [lecture: 36h, tutorial classes: 18h, seminars: 6h] first term French
- BIOL-F308 **Mécanismes de l'évolution biologique** | Patrick MARDULYN (Coordinator) and Karine VAN DONINCK
 5 credits [lecture: 48h, tutorial classes: 12h] first term French
- BIOL-F309 **Ecologie générale** | Isabelle GEORGE (Coordinator) and Pierre Jacques MEERTS
 5 credits [lecture: 30h, practical work: 30h] first term French
- BIOL-F310 **Ecologie et biodiversité** | Bruno DANIS (Coordinator), Isabelle GEORGE and Pierre Jacques MEERTS
 5 credits [lecture: 18h, tutorial classes: 18h, field trips: 24h] first and second terms French
- BIOL-F314 **Projet de recherche et communication scientifique** | Denis FOURNIER (Coordinator) and Muriel MOSER
 5 credits [project: 60h] academic year French
- BIOL-F317 **Laboratoires de biochimie** | David PEREZ-MORGA (Coordinator) and Guillaume OLDENHOVE
 5 credits [practical work: 48h] second term French
- MATH-F315 **Probabilités et statistiques** | Thomas VERDEBOUT (Coordinator), Clément Cerovecki, Dimitri LEEMANS and Yves-Caoimhin SWAN
 5 credits [lecture: 30h, tutorial classes: 30h] first term French

Cours optionnels

Two courses chosen from the following

- BIOL-F304 **Zoologie 2** | Yves ROISIN (Coordinator)
 5 credits [lecture: 28h, practical work: 28h, seminars: 4h] second term French
- BIOL-F305 **Botanique, phytogéographie et ethnoécologie** | Farid DAHDOUH-GUEBAS (Coordinator)
 5 credits [lecture: 24h, practical work: 12h, field trips: 12h] second term English/French
- BIOL-F316 **Compléments de biologie moléculaire** | Eric BELLEFROID (Coordinator) and Sabrina BOUSBATA
 5 credits [practical work: 48h] second term French
- ETHI-F201 **Sciences, éthique, histoire et société** | Grégoire Wallenborn (Coordinator) and Eric MURAILLE
 5 credits [lecture: 44h] second term French
- ETHI-F301 **Compléments de sciences, éthique histoire et société** | Patrick MARDULYN (Coordinator) and Grégoire Wallenborn
 5 credits [lecture: 12h, tutorial classes: 12h, personal assignments: 12h] first term French

LANG-F301

Anglais scientifique II | Gillian Lucy (Coordinator)

🕒 5 credits [tutorial classes: 48h] 📅 first term 🗨️ French

