



Bachelor in Medecine

A mandatory entrance exam for the programmes in medicine and dentistry is organised by the French Community of Belgium. It includes a science test based on prerequisites in mathematics, physics, chemistry, and biology, and a humanities test that measures the student's summarising, reasoning, and empathy skills. Only students who pass this exam may enrol in these two programmes.

Learn more at: www.ulb.ac.be/enseignements/inscriptions/etudes-contingentes.html [<http://www.ulb.ac.be/enseignements/inscriptions/etudes-contingentes.html>]

Take note: Throughout the year, ULB offers classes for students in secondary schools that cover the required material in mathematics, physics, chemistry, and biology.

The 2024-2025 programme is subject to change. It is provided for information purposes only.

Programme mnemonic

BA-MEDI

Studies level

Bachelor

Learning language

french

Schedule

office hours

Studies category / subcategory

Health / Medical sciences

Campus

Erasme

patients and the many non-medical staff. As well as developing your technical and scientific skills you will also improve your ability to think and make judgements.

An exceptional location comprising an ultra modern, high-performance hospital surrounded by classrooms, laboratories and a library. You will also be able to do a wide range of work placements thanks to the hospital network that is in place.

Succeed in your studies

Choose

The information and guidance counsellors at the InfOR-études [<https://www.ulb.be/en/studies-info-desk-1>] service will help you choose your studies throughout the year.

Succeed

Take part in preparatory courses [<https://www.ulb.be/en/studies-info-desk-1>] or get help to succeed [<https://www.ulb.be/en/studies-info-desk-1>], before or during your studies.

Get help

Apply for financial aid, look for accommodation or a student job, get support [<https://www.ulb.be/fr/aides-services-et-accompagnement/aid-services-and-support-1>] for your specific needs.

Programme objectives

Fulfil your ambitions by gaining a grounding in a number of areas including: curative and preventative medicine, out-patients or hospital medicine, workplace medicine or school medicine and laboratory or industrial research.

Programme's added value

During your studies you will develop your powers of critical analysis and your human qualities through regular contact with

International/Openness

During your studies you have the opportunity to take part in university exchange programmes, lasting a few months or a



whole year. As well as the possibility of taking part in the Erasmus programme, other types of work placements are also on offer, especially in third world countries.

Job opportunities

If you go on to do a Master in Medicine, you could go into the following professions :

- > Doctor of medicine, with one of a number of specialisations depending on the course taken: GP, surgeon, orthopaedist, oncologist, anaesthetist, obstetrician, paediatrician,
- > Director of a hospital or medical centre,
- > Workplace doctor
- > Medical data manager

If you wish to do a different MA, you could move into the following areas:

- > Biomedical Sciences
- > Public Health

You could also move into research in any one of the branches of health: physiology, immunology, genetics, cellular and molecular biology and clinical research (new medicines).

Useful information

The need for medical staff is constantly changing. High-quality medical treatment is being demanded more than ever before.

Despite the measures taken to limit access to the profession, if you are determined and if you have therequisite qualities and the vocation, you will always find a way of making a career in medicine.

Contacts

 <https://medecine.ulb.be/version-francaise/contact>

Jury Presidents

Stéphane LOURYAN and Catherine LEDENT

Jury Secretaries





















Marc LEEMAN and Pascal LAURENT



Bachelor in Medecine

Bloc 1 | BA-MEDI























Cours obligatoires

- BIOL-G1101 **Unité, Evolution et diversité de la vie** | Catherine LEDENT (Coordinator)
 10 credits [lecture: 78h, practical work: 20h, personal assignments: 12h]  first term  French
- CHIM-G1106 **Approche moléculaire de la santé et du vivant, chimie organique et TP de chimie** | Pascal LAURENT (Coordinator)
 10 credits [lecture: 78h, tutorial classes: 36h, practical work: 26h]  first and second terms  French
- MATH-G1102 **Modélisation mathématiques pour les sciences** | Yves-Caoimhin SWAN (Coordinator) and Julie DE SAEDELEER
 5 credits [lecture: 14h, practical work: 14h]  first term  French
- MEDI-G1102 **Sciences humaines : psychologie et évolution de la réflexion scientifique** | Charles KORNREICH (Coordinator) and Jean-Noël MISSA
 5 credits [lecture: 48h]  second term  French
- MEDI-G1103 **Physiologie des cellules excitables** | David GALL (Coordinator)
 5 credits [lecture: 30h, practical work: 16h, seminars: 6h]  second term  French
- MORF-G1106 **Histologie et TP Module 1** | Ievgeniia PASTUSHENKO (Coordinator)
 5 credits [lecture: 16h, practical work: 24h]  second term  French
- MORF-G1110 **Anatomie** | Serge VAN SINT JAN (Coordinator) and Véronique FEIPEL
 5 credits [lecture: 42h]  second term  French
- PHYS-G1102 **Physique médicale** | Antonin ROVAI (Coordinator) and Vincent WENS
 5 credits [lecture: 40h, tutorial classes: 18h]  first term  French
- SAPU-G1211 **Santé publique, Economie de la santé, Reproduction et enjeux sociétaux, Santé et environnement** | Philippe VAN WILDER (Coordinator), Yves COPPIETERS' WALLANT, Isabelle Demeestere and Olivier VANDENBERG
 5 credits [lecture: 46h]  second term  French
- TRAN-G1102 **Introduction à la recherche : recherche bibliographique et anglais scientifique** | Catherine LEDENT (Coordinator), Valérie DURIEUX and Emilie PIAT
 5 credits [lecture: 16h, practical work: 20h]  second term  French

Bachelor in Medecine

Bloc 2 | BA-MEDI























Cours obligatoires

- BIOL-G2204 **Biologie moléculaire de la cellule et biologie du cancer** | Françoise ROTHE (Coordinator)
 5 credits [lecture: 52h, practical work: 6h]  first term  French
- BMOL-G2215 **Biochimie générale** | Jean-Yves SPRINGAEL (Coordinator), Marie-Isabelle GARCIA and Pascale VERTONGEN
 5 credits [lecture: 34h, practical work: 40h]  first term  French
- BMOL-G2216 **Biochimie métabolique et pathologique** | Joanne RASSCHAERT (Coordinator) and Marie-Isabelle GARCIA
 5 credits [lecture: 52h]  second term  French
- MEDI-G2205 **Epidémiologie et biostatistique** | Caroline VERHOEVEN (Coordinator) and Boudewijn CATRY
 5 credits [lecture: 40h, practical work: 26h]  second term  French
- MEDI-G2207 **Physiologie et physiopathologie + stage d'observation de la médecine hospitalière** | Philippe GOLSTEIN (Coordinator), Céline DEWACHTER and Jean-Charles PREISER
 10 credits [lecture: 70h, practical work: 35h, work placement: 40h]  second term  French
- MEDI-G2209 **Physiologie générale** | Philippe GOLSTEIN (Coordinator)
 5 credits [lecture: 30h, practical work: 10h]  first term  French
- MORF-G2201 **Embryologie, organogénèse et génétique** | Isabelle MIGEOTTE (Coordinator) and Nathalie VANMUYLDER
 5 credits [lecture: 38h]  first term  French
- MORF-G2204 **Anatomie et radiologie - Module 1** | Benoît BEYER (Coordinator) and Serge VAN SINT JAN
 5 credits [lecture: 40h, practical work: 25h]  first term  French
- MORF-G2205 **Anatomie et radiologie - module 2** | Serge VAN SINT JAN (Coordinator) and Benoît BEYER
 5 credits [lecture: 24h, practical work: 25h]  second term  French
- MORF-G2206 **Histologie et TP - module 2** | Ievgeniia PASTUSHENKO (Coordinator)
 5 credits [lecture: 30h, practical work: 36h]  first term  French
 cours du programme de transition
- PHAR-G2201 **Pharmacologie générale et médecine factuelle** | Joëlle NORTIER (Coordinator), Thierry BERGHMANS and Laurence DEWACHTER
 5 credits [lecture: 42h]  second term  French

Bachelor in Medecine

Bloc 3 | BA-MEDI

Cours obligatoires

- MEDI-G3305 **Microbiologie** | Marie HALLIN (Coordinator)
 5 credits [lecture: 64h]  first term  French
- MEDI-G3306 **Immunologie (théorie et TP) et pathologies immunologiques** | Stanislas GORIELY (Coordinator), Arnaud MARCHANT and Florence ROUFOSSE
 5 credits [lecture: 45h, practical work: 8h]  first and second terms  French
- MEDI-G3307 **Pathologies infectieuses et TP de microbiologie** | Anne OP DE BEECK (Coordinator), Nicolas DAUBY, Marie HALLIN and Anne TILMANNE
 5 credits [lecture: 24h, practical work: 33h]  second term  French
- MEDI-G3308 **Sémiologie, Gériatrie et médecine générale** | Anne-Pascale MEERT (Coordinator), Sandra De Breucker, Jean-Christophe GOFFARD and Lou Richelle
 10 credits [lecture: 80h, work placement: 80h]  first and second terms  French
- MEDI-G3405 **Pathologie cardiaque et vasculaire** | Philippe VAN DE BORNE (Coordinator)
 5 credits [lecture: 50h]  second term  French
- MEDI-G3411 **Pneumologie** | Dimitri LEDUC (Coordinator) and Alain MICHILS
 5 credits [lecture: 26h]  second term  French
- MEDI-G3424 **Pharmacologie spéciale** | Ingrid LANGER (Coordinator)
 5 credits [lecture: 30h]  second term  French
- MORF-G3304 **Anatomie et radiologie - Module 3** | Benoît BEYER (Coordinator) and Afarine MADANI
 5 credits [lecture: 24h, practical work: 50h]  first term  French
- MORF-G3306 **Anatomie pathologique générale** | Jean-Christophe NOEL (Coordinator)
 5 credits [lecture: 30h, practical work: 10h]  first term  French
- MORF-G3315 **Neurosciences** | Xavier DE TIEGE (Coordinator) and Serge SCHIFFMANN
 5 credits [lecture: 55h, practical work: 25h]  first term  French
- MORF-G3421 **Anatomie pathologique spéciale** | Isabelle SALMON (Coordinator)
 5 credits [lecture: 30h, practical work: 10h, cours global: 10h]  second term  French