



MD1BA - Introduction

Introduction

Course prerequisites

- **WMDS1110** - [Physiologie appliquée à la médecine](#)

The **table** below lists the activities (course units, or CUs) for which there are one or more prerequisites within the programme, i.e. the programme CU for which the learning outcomes must be certified and the corresponding credits awarded by the jury before registering for that CU.

These activities are also identified in the **detailed programme**: their title is followed by a yellow square.

Prerequisites and student's annual programme

As the prerequisite is for CU registration purposes only, there are no prerequisites within a programme year. Prerequisites are defined between CUs of different years and therefore influence the order in which the student will be able to register for the programme's CUs.

In addition, when the jury validates a student's individual programme at the beginning of the year, it ensures its coherence, meaning that it may:

- require the student to combine registration in two separate CUs which it considers necessary from a pedagogical point of view.
- transform a prerequisite into a corequisite if the student is in the final year of a degree course.

For more information, please consult the [Academic Regulations and Procedures](https://uclouvain.be/fr/decouvrir/rgee.html) (<https://uclouvain.be/fr/decouvrir/rgee.html>).

Prerequisites list

WFARM1282T "[Microbiologie générale \(partim théorie\)](#)" has prerequisite(s) **WMDS1109**

- **WMDS1109** - [Biologie moléculaire](#)

WMDS1210 "[Physiologie cellulaire](#)" has prerequisite(s) **WMDS1110**

- **WMDS1110** - [Physique appliquée à la médecine](#)

WMDS1214 "[Introduction à la pratique médicale](#)" has prerequisite(s) **WMDS1115**

- **WMDS1115** - [Introduction à l'approche médicale et à la recherche scientifique](#)

WMDS1215 "[Biochimie métabolique](#)" has prerequisite(s) **WMDS1111**

- **WMDS1111** - [Chimie médicale](#)

WMDS1220 "[Anatomie topologique et clinique](#)" has prerequisite(s) **WMDS1103**

- **WMDS1103** - [Anatomie générale et fonctionnelle](#)

WMDS1221 "[Système nerveux, partie 1](#)" has prerequisite(s) **WMEDE1112**

- **WMEDE1112** - [Biologie et embryologie générale](#)

WMDS1223 "[Système urinaire, partie 1](#)" has prerequisite(s) **WMDS1105**

- **WMDS1105** - [Histologie générale](#)

WMDS1224

- WMDS1324** "Système respiratoire, partie 2" has prerequisite(s) WMDS1224
- WMDS1224 - Système respiratoire, partie 1
- WMDS1325** "Système cardiovasculaire, partie 2" has prerequisite(s) WMDS1225
- WMDS1225 - Système cardiovasculaire, partie 1
- WMDS1326** "Histologie des systèmes, partie 2" has prerequisite(s) WMDS1226
- WMDS1226 - Histologie des systèmes, partie 1
- WMDS1329** "Stage d'observation en médecine générale (4 semaines)" has prerequisite(s) WMDS1224 ET WMDS1225
- WMDS1224 - Système respiratoire, partie 1
 - WMDS1225 - Système cardiovasculaire, partie 1
- WMDS1330** "Pathologie générale" has prerequisite(s) WMDS1226
- WMDS1226 - Histologie des systèmes, partie 1
- WMDS1331** "Démarche clinique" has prerequisite(s) WMDS1224 ET WMDS1225
- WMDS1224 - Système respiratoire, partie 1
 - WMDS1225 - Système cardiovasculaire, partie 1
- WSBIM1334M** "Immunologie générale (partim MD)" has prerequisite(s) WMDS1230
- WMDS1230 - Biologie cellulaire médicale et expérimentale

The programme's courses and learning outcomes


For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

Detailed programme per annual block

MD1BA - 1ST ANNUAL UNIT

- Mandatory
 - ⊗ Optional
 - △ Not offered in 2023-2024
 - ⊙ Not offered in 2023-2024 but offered the following year
 - ⊕ Offered in 2023-2024 but not the following year
 - △ ⊕ Not offered in 2023-2024 or the following year
 - Activity with requisites
 - ⊗ Open to incoming exchange students
 - ⊗ Not open to incoming exchange students
- [FR]
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○ De la cellule à l'être humain: approche morphologique et fonctionnelle

○ WMEDE1112	Biologie et embryologie générale	Charles De Smet (coord.)	PS [q1] [45h +15h] [5 Credits] 
○ WMDS1105	Histologie générale	Christophe Pierreux	PS [q1] [20h +60h] [5 Credits] 
○ WMDS1103	Anatomie générale et fonctionnelle		

MD1BA - 2ND ANNUAL UNIT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Content:**o De la cellule à l'être humain: approche morphologique et fonctionnelle**

● WMDS1237	Pharmacologie générale ■	Laure Elens Vincent Haufroid Emmanuel Hermans (coord.)	[FR] [q1] [25h] [3 Credits] 🌐
● WMDS1230	Biologie cellulaire médicale et expérimentale ■	Stefan Constantinescu (coord.)	

o Approche intégrée de la santé et de la maladie

WMDS1214	Introduction à la pratique médicale	Olivier Bernard Gilles Cornelis Manon de Montigny Marc Gilliaux Dominique Lamy (coord.) Margot Van Kerckhove	PS [q1] [10h] +40h] [3 Credits]
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o Cours au choix

Outre l'enseignement obligatoire, l'étudiant doit, au cours du 1er cycle, valider 4 crédits d'activités au choix (à raison de 2 cours valant chacun 2 crédits à répartir sur 2 ans). Ces activités consistent en cours au choix ou/et en monitorat. Toutes les informations concernant l'activité étudiant chercheur peuvent être trouvées en suivant le lien: <https://intranet.uclouvain.be/fr/myucl/facultes/mede/med/etudiant-chercheur.html>.

o Liste des cours au choix

L'étudiant peut, s'il le désire, suivre un cours autre que ceux indiqués ci-dessous (cours des programmes de sciences biomédicales, pharmaceutiques ou de la santé publique, etc) moyennant l'accord préalable du président de son comité d'année.

⌘ Filière recherche

WMED1260	Bases de l'informatique dans le secteur de la santé	François Roucoux	PS [q1] [15h] [2 Credits]
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⌘ Filière sciences humaines



MD1BA - 3RD ANNUAL UNIT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Content:

o De la cellule à l'être humain: approche morphologique et fonctionnelle

○ WMDS1330	Pathologie générale ■	Selda Aydin (coord.) Pamela Baldin Alessandra Camboni Christine Galant Nicolas Tajeddine	FR [q2] [36h] +20h] [5 Credits] 🌐
○ WMDS1311	Anatomie radiologique et imagerie médicale ■	Emmanuel Coche Etienne Danse (coord.)	FR [q1] [20h] +20h] [3 Credits] 🌐
○ WMDS1313	Microbiologie médicale ■	Benoît Kabamba-Mukadi Hector Rodriguez-Villalobos (coord.) Alexia Verroken	FR [q1] [45h] +10h] [5 Credits] 🌐
○ WMDS1326	Histologie des systèmes, partie 2 ■	Christiani Andrade Amorim Isabelle Leclercq (coord.)	FR [q1] [0h] +40h] [2 Credits] 🌐
○ WSBIM1334M	general immunology ■	Sophie Lucas (coord.)	FR [q1] [35h] [4 Credits] 🌐 > English-friendly
○ WMDS1315	Système endocrinien, partie 1 ■	Isabelle Leclercq Philippe Lysy (coord.)	FR [q1] [30h] [3 Credits] 🌐
○ WMDS1321	Système digestif, partie 1 ■	Isabelle Leclercq	FR [q1] [40h] [4 Credits] 🌐
○ WMDS1322	Système reproc		



o Approche contextuelle de la santé et de la maladie

WMDS1314	Séminaires de sciences humaines 🟡	Philippe de Timary Gérald Deschietere (coord.) Peter Verdée	ES [q1] [0h +40h] [2 Credits] 🌐
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o Approche intégrée de la santé et de la maladie

WMDS1332	Préparation au stage	Bruno Verstraete (coord.)	ES [q2] [12h] [2 Credits] 🌐
WMDS1329	Stage d'observation en médecine générale (4 semaines) 🟡	Bruno Verstraete (coord.)	ES [q2] [] [4 Credits] 🌐

o Cours au choix

Outre l'enseignement obligatoire, l'étudiant doit, au cours du 1er cycle, valider 4 crédits d'activités au choix (à raison de 2 cours valant chacun 2 crédits à répartir sur 2 ans). Ces activités consistent en cours au choix ou/et en monitorat. Toutes les informations concernant l'activité étudiant chercheur peuvent être trouvées en suivant le lien: <https://intranet.uclouvain.be/fr/myucl/facultes/mede/med/etudiant-chercheur.html>.

o Liste des cours au choix

L'étudiant peut, s'il le désire, suivre un cours autre que ceux indiqués du 49998 0 | S 1 1 asoutir(cle, vaix)p024

- For any secondary school diploma **from a European Union country**, the admission request must contain the equivalence of your diploma or, at the very least, proof of the filing of the equivalence request with the Wallonia-Brussels Federation (French Community of Belgium). For any information relating to obtaining an equivalence, please refer to [the following site](#).
- For any secondary school diploma **from a country outside the European Union**, the admission application must contain the [equivalence of your diploma](#) issued by the Wallonia-Brussels Federation (French Community of Belgium). If you have a restrictive equivalence for the programme of your choice, in addition of it, you **must** have either the [DAES](#) or a certificate of successful completion of the [examination giving access to 1st cycle studies](#) when you submit your application

Access based on validation of professional experience

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

Special requirements to access some programmes

- Admission to **undergraduate studies in engineering: civil engineering and architect**

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](https://uclouvain.be/fr/facultes/epl/examenadmission.html) (<https://uclouvain.be/fr/facultes/epl/examenadmission.html>).

Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

[Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html). (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>)

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

[Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

- Admission to **undergraduate studies in medicine and dental science**

[Admission to undergraduate studies in medicine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html). (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>)

Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit an [aptitude test \(fr\)](https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html) (<https://uclouvain.be/en/study/inscriptions/etudes-contingentes.html>).

Programmes de masters accessibles avec prérequis : master en sciences pharmaceutiques, master en sciences biomédicales.

Autres : programme de master accessible moyennant programme adapté : master en sciences biologiques.

Contacts

Curriculum Management

Entity

Structure entity

Denomination

Faculty

SSS/MEDE/MED

[\(MED\)](#)

Faculty of Medicine and Dentistry [\(MEDE\)](#)

