Master in Pharmacy
Focus Professional

Programme mnemonic
MA-PHAR
› Focus Professional: M-PHARS

Exists also in
› Focus Professional (Mons): M-PHARW

Studies level
Master 120 credits

Learning language
french

Schedule
office hours

Studies category / subcategory
Health / Biomedical and pharmaceutical sciences

Campus
Plaine

Programme’s added value

The course provides a mix of high quality training and learning for a multi-faceted job which is rapidly changing. The division into two options means that students can gear the final stages of their courses towards activities and placements which will prepare them for existing opportunities while still covering a comprehensive range of subjects. The Faculty of Pharmacy attaches a great deal of importance to pharmacy itself, as a result of the many practicing pharmacists who teach there. At the same time, it is open to other disciplines from the fields of health science, including medicine. Practical training, up-to-date teaching practices with project-based learning and role-playing seminar to concretely learn the role of chemist.

Teaching methods

Lectures, seminar, laboratory and project-based learning

Succeed in your studies

ULB offers a number of activities and resources that can help you develop a successful strategy before or during your studies. You can make the transition to higher education easier by attending preparatory courses, summer classes, and information and orientation sessions, even before you start your studies at ULB.

During your studies, many people at ULB are there specifically to help you succeed: support staff in each faculty, (inter-)faculty guidance counsellors, tutors, and experts in academic methodology.

Job opportunities

› Chemist in high street or hospital pharmacy
› Chemist in pharmaceutical industries
› Analyst
› Expert at the federal agency for medicines and health product or the Ministry of Health and Welfare
› Chemists in private or public insurance company

Programme objectives

The Master in Pharmacy is the final step leading to the qualification of pharmacist, which allows graduates to work in the profession. Since pharmacy offers many different opportunities, the course is not only tailored to the internationally recognised training standards for high street and hospital pharmacy, which is a traditional path for pharmacy graduates, but also covers a range of other activities which provide career opportunities, such as jobs in the pharmaceutical industry, analytical laboratories, (clinical biology, food/nutrition, toxicology, etc.), clinical pharmacy or scientific research in the fields of biomedical and pharmaceutical sciences. Their training means that pharmacists are really the only specialists in medicinal products working for patients and their health. Their theoretical and practical knowledge is highly appreciated since it focuses on promoting and protecting human health in line with particularly strict quality standards. As the person responsible for medicines which people take, from their design through to their use, pharmacists are thorough, careful scientists. They have particularly good analytical skills in their areas of competence and are perfectly integrated into modern society, which has high health care demands and is concerned about cost and accessibility issues.
› Chemist in high street or hospital pharmacy
› Chemist in pharmaceutical industries
› Analyst
› Expert at the federal agency for medicines and health product or the Ministry of Health and Welfare
› Chemists in private or public insurance company

Jury President
Karim AMIGHI

Jury Secretary
Carine DE VRIESE
# Bloc 1 | M-PHARS | MA-PHAR

## Cours obligatoires

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<tr>
<th>Code</th>
<th>Titre</th>
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<tbody>
<tr>
<td>MEDI-J401</td>
<td>Toxicologie</td>
<td>Véronique MATHIEU (Coordinator)</td>
<td>5</td>
<td>36h, 12h</td>
<td>2nd term</td>
<td>French</td>
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<td>MEDI-J402</td>
<td>Biochimie médicale et éléments d'hématologie</td>
<td>Frédéric COTTON (Coordinator)</td>
<td>5</td>
<td>54h, 6h</td>
<td>2nd term</td>
<td>French</td>
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<td>PHAR-J401</td>
<td>Etude des médicaments : médicaments organiques 2</td>
<td>Pierre VAN ANTWERPEN (Coordinator)</td>
<td>5</td>
<td>60h</td>
<td>1st term</td>
<td>French</td>
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<tr>
<td>PHAR-J402</td>
<td>Nutrition humaine</td>
<td>Carine DE VRIESE (Coordinator)</td>
<td>5</td>
<td>36h, 24h</td>
<td>2nd term</td>
<td>French</td>
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<td>PHAR-J404</td>
<td>Technologie pharmaceutique - Pharmacie galénique et magistrale partie 2</td>
<td>Karim AMIGHI (Coordinator)</td>
<td>5</td>
<td>48h</td>
<td>2nd term</td>
<td>French</td>
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<tr>
<td>PHAR-J412</td>
<td>Technologie pharmaceutique - Pharmacie galénique et magistrale partie 1</td>
<td>Karim AMIGHI (Coordinator)</td>
<td>10</td>
<td>36h, 60h</td>
<td>1st term</td>
<td>French</td>
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<tr>
<td>PHAR-J413</td>
<td>Etude des médicaments : médicaments organiques 2</td>
<td>Pierre VAN ANTWERPEN (Coordinator)</td>
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<td>60h</td>
<td>1st term</td>
<td>French</td>
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<td>PHAR-J430</td>
<td>Etude des médicaments : pharmacologie spéciale et pharmacothérapie</td>
<td>Ingrid LANGER (Coordinator)</td>
<td>5</td>
<td>48h</td>
<td>1st term</td>
<td>French</td>
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An alternative chosen from the two following

### Module projet pharmaceutique transdisciplinaire

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<tbody>
<tr>
<td>PHAR-J414</td>
<td>Approche pratique de la biochimie médicale et de la toxicologie clinique expérimentale</td>
<td>Frédéric COTTON (Coordinator) and Véronique MATHIEU</td>
<td>5</td>
<td>60h</td>
<td>2nd term</td>
<td>French</td>
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<tr>
<td>TRAN-J412</td>
<td>Projet pharmaceutique transdisciplinaire</td>
<td>Pierre VAN ANTWERPEN (Coordinator), Karim AMIGHI, Frédéric COTTON, Carine DE VRIESE, François DUFRASNE, Jonathan GOOLE, Ingrid LANGER, Véronique MATHIEU and Florence SOUARD</td>
<td>10</td>
<td>36h, 48h, 48h</td>
<td>1st and 2nd terms</td>
<td>French</td>
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or

### Module projet de recherche

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<tr>
<td>TRAN-J413</td>
<td>Projet de recherche</td>
<td>Véronique FONTAINE (Coordinator), Cédric Delporte and Stéphanie POCHET</td>
<td>15</td>
<td>108h, 48h</td>
<td>2nd term</td>
<td>French</td>
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Bloc 2 | M-PHARS | MA-PHAR

Tronc commun

PHAR-J501 | Législation, déontologie et éthique pharmaceutique | Carine DE VRIESE (Coordinator)
5 credits [lecture: 36h, workshop: 4h] 1st term  French

PHAR-J502 | Pharmacie clinique, conseil et suivi pharmaceutique | Carine DE VRIESE (Coordinator)
5 credits [lecture: 36h, project: 16h] 1st and 2nd terms  French

PHAR-J526 | Stage officinal (6 mois) | Carine DE VRIESE (Coordinator) and Florence SOUARD 25 credits [work placement: 999h] 1st and 2nd terms  French

An alternative chosen from the three following

Module Officine

MEMO-J520 | Mémoire et stage dans la filière officine | François DUFRASNE (Coordinator)
15 credits [mfe/tfe: 288h] 2nd term  French

PHAR-J900 | Cours à option officine | Karim AMIGHI (Coordinator), Francis CORAZZA, Frédéric COTTON, Carine DE VRIESE, Gilles JOURQUIN, Athanassios KOLIVRAS, Véronique MATHIEU, Florence SOUARD, Caroline STEVIGNY, Pierre VAN ANTWERPEN and Marc VAN NUFELEN
10 credits [lecture: 108h, tutorial classes: 108h, practical work: 12h] 1st term  French

or

Module Développement

MEMO-J521 | Mémoire et stage dans la filière développement du médicament | François DUFRASNE (Coordinator)
15 credits [mfe/tfe: 288h] 2nd term  French

or

One course chosen from the following

PHAR-J901 | Cours à option développement du médicament | Karim AMIGHI (Coordinator), Frédéric COTTON, Jacques DUBOIS, François DUFRASNE, Cédric Delporte, Véronique FONTAINE, Jonathan GOOLE, Gilles JOURQUIN, Véronique MATHIEU, Pierre VAN ANTWERPEN, Marc VAN NUFELEN and Nathalie WAUTHOZ
10 credits [lecture: 124h, tutorial classes: 56h, practical work: 48h, seminars: 2h, personal assignments: 4h] 1st term  French

PHAR-J902 | Interfaculty & interdisciplinary program in translational medicine | Hilde STEVENS (Coordinator)
10 credits [lecture: 40h, tutorial classes: 20h] 2nd term  French

or

Module Recherche

MEMO-J522 | Mémoire et stage de recherche (3 mois) | François DUFRASNE (Coordinator), Véronique MATHIEU and Franck MEYER
25 credits [personal assignments: 400h] 2nd term  French