



## FARI2MC - Introduction

### Introduction

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## FARI2MC - Teaching profile

### Learning outcomes

The Advanced Master degree in Industrial Pharmacy gives the student all theoretical and practical knowledge to work in the following fields: production, drug quality control and analysis and in the drug approval process, marketing and pharmacovigilance.

This programme comprises theory and practical work in a field chosen by the student (pharmaceutical industry or other bodies or laboratories where the skills of a pharmacist are needed).

The Advanced Master degree in Industrial Pharmacy is the only way to obtain the title of Qualified person (law of the 14th December 2006 regarding drugs used in humans and animals, article 84). For the pharmacist or owners of a degree endowed with equivalent skills, to obtain this title recognized by the Ministry of Health, the Advanced Master degree must be completed by a 6 months experience in one or more pharmaceutical firm(s) owner of an authorization of drug production according to the rules comprised in the Royal decree of the 14th August 1989.

On successful completion of this programme, each student is able to :

1 To master and integrate relevant knowledge in all questions regarding the pharmaceutical industry

1.a to tackle, analyze and work with organic, inorganic, natural, biotechnologically produced substances and radiopharmaceuticals.

1.b to assess pharmacological data and pharmacokinetics related to biologically active compounds.

1.c to engineer a pharmaceutical form with the required physico-chemical characteristics.

1.d to collaborate in the realization of a clinical study.

1.e to understand intellectual property .

1.h to release a batch for the drug market.

1.i to solve problems linked to drug production.

2 Scientific approach

2.a To integrate and analyze with criticism different scientific approaches to the design, development, production and marketing of the product.

2.b To be able to plan scientific experiments, to draw statistically valid conclusions and, if necessary, to modify the plan to get the best results.

2.c Intégrer les lois et règlements en vigueur afin de fabriquer, distribuer et commercialiser les médicaments sur les marchés, belge, européen et étranger.

3 To communicate professionally and adapt the message to different people

3.a to be able to present scientific results.

3.b to communicate in English, the main language in scientific communication in the world.

3.c to deliver a message or clear and specific guidelines to be implemented within the framework of scientific and administrative work.

4 Sense of responsibility

4.a To assume responsibilities in accordance with ethics, laws and best practice.

4.b To stay abreast of new rules and laws issued by various national and international bodies in charge of health.

4.c To be able to manage and lead a group of people, to assign them tasks in the context of scientific and administrative work and checking if the guidelines or procedures have been properly applied.



## The programme's courses and learning outcomes

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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.

## FARI2MC - Information

### Access Requirements

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*In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.*

*Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.*

*The admission requirements must be met prior to enrolment in the University.*

*Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.*

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