

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

2 credits	0 h + 22.5 h	Q2
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Teacher(s)	Beuken Guy ;Dalleur Olivia ;Dessy Chantal ;Feron Olivier ;Hermans Emmanuel ;Van Bambeke Françoise (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	To examine in depth the pharmacotherapy of major classes of drugs used for important pathologies often seen in the hospital or community. For example, the course will examine - hypertension and prevention of cardiovascular diseases; - diabetes mellitus and its complications; - osteoporosis and menopause - sleep disorders; - Parkinson disease ; - respiratory tract infections and other respiratory diseases (asthma, chronic bronchitis); cutaneous and urinary tract infections; - digestive tract pathologies (reflux, ulcer, diarrhea, constipation) - headache and migraine - acute and chronic pain - allergies For each of these topics, the course will examine the role that the pharmacist can and must play for insuring safe and efficacious treatments.
Aims	<p>To learn to the future pharmacist (retail pharmacy / hospital / clinician) the appropriate use of drugs in real clinical conditions. The way of teaching and the skills to acquire are orientated towards the pharmaceutical care. At the end of the course, the future pharmacist should: - understand the major indications and the rational use of the main classes of drugs, taking into account the underlying pathologies and the background of the patient ; - justify the choice of the prescribed drugs in these indications and in the context of the global treatment of the patient (pharmacological and non-pharmacological approaches);</p> <p>1 - understand the objectives of the treatments and how to reach them by an appropriate use of drugs - understand and evaluate the adverse effects related to the use of drugs, taking into account the potential risks of individual patients; - understand drug interactions and be able to react on a rational and pro-active manner; - be capable of evaluation the appropriateness of dosages (including therapeutic schemes) for individual patients ; - on these bases, provide the patient with an appropriate counseling ; - discuss with other healthcare providers about the rational use of drugs.</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. persnal work, based on the analysis of a patient met during the internship in pharmacy
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. interactive courses + seminars in small groups
Content	- interactive approach for selected topics, taking into account the recommendations of good practice and good use of medication; - implementation of pharmaceutical care plans; - implementation of medication check-ups for polymedicated patients; learning how to dialogue with health professionals and patients; - seminars with groups of 15 students maximum (each student will take an active part in the activities); - some courses will consider in an integrated way the medication management of patients with multiple pathologies. These courses will involve several teachers, including external practitioners.
Bibliography	Support de cours obligatoire : Répertoire commenté des médicaments (mis à disposition gratuitement par les enseignants de pharmacologie)
Other infos	Physiopathology, general pharmacology, pharmacodynamics and pharmacokinetics, special pharmacology and pharmacotherapy. Oral examination based on clinical cases proposed by the students themselves. Important note: the examples taken will use the brand names of the drugs, but the students will be asked to search for the corresponding active substance name (International Nonproprietary Name).
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Pharmacy	FARM2M	2	WFARM2111 AND WFARM2114 AND WFARM2116	