

5.00 credits

30.0 h + 15.0 h

Q1 and Q2

Teacher(s)	Dessy Chantal ;Dessy Chantal (compensates Spinewine Anne) ;Dujardin Nathalie ;Feron Olivier ;Hermans Emmanuel ;Rocour Muriel ;Rocour Muriel (compensates Spinewine Anne) ;Sennesael Anne-Laure (compensates Spinewine Anne) ;Spinewine Anne ;Van Bambeke Françoise (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	general and systematic pharmacology, pharmacotherapy, physiology, pathology, pharmacokinetics; capacity to integrate these topics with the course.
Main themes	The seminar will examine clinical situations based on practical examples with frequent pathologies seen mainly out of the hospital, for example, hypertension and the prevention of cardiovascular diseases, diabetes and related complications, osteoporosis and menopauses, sleeping disorders, Parkinson disease, respiratory pathologies (asthme, BPCO), reflux, constipation, diarrhea, acute or chronic pain, allergies, 'For each topic, the role of the pharmacist will be discussed for optimizing the efficacy and safety of the treatment.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>The objective is to give to the future pharmacist the opportunity of learning the use of drugs in practical clinical situations. The teaching approach is oriented to help the students acquiring competences in the field of pharmaceutical care. At the end of the seminar, the students should be able</p> <ul style="list-style-type: none"> <li>• to understand the main indications and the rational use of drugs for a given patient,</li> <li>• to understand the role of each specific medication in the treatment of this patient as well as the global (pharmacological and non-pharmacological) treatment of the patient. and replace the</li> <li>• to understand the nature of the pharmacological effects and how to obtain them</li> <li>• to evaluate undesirable effect, detect and manage drug interactions</li> <li>• to evaluate the adequacy of the posology</li> <li>• to give appropriate advice to the patient and to discuss about the appropriate usage of drugs with other health professionals</li> </ul>
Evaluation methods	evaluation during the year (seminar: tests + clinical case) + exam at the end of the year (written part: clinical case, multiple choices 50%; oral : open questions 50%)
Teaching methods	lectures (on pharmacotherapy principles) and small groups seminars (practical courses)
Content	Selected topics are analyzed on an interactive way, taking into account therapeutic recommendations. The students will learn how to establish pharmaceutical care plans, to discuss with healthcare providers and patients, to analyze reasons for therapeutic failure and pharmacotherapeutic problems, and to use pertinent information sources. Role-playing games will be used to reach these objectives starting from concrete situations. Seminars are organized for small groups of students (20). Pharmacists are participating to the supervision of the exercises.
Bibliography	Support de cours obligatoire : Répertoire commenté des médicaments (mis à disposition gratuitement par les enseignants de pharmacologie) diaporamas et autres documents pdf mis à la disposition des étudiants par les enseignants
Other infos	<p>Prerequisites: Physiopathology, general pharmacology, pharmacodynamics and pharmacokinetics, special pharmacology and elements of pharmacotherapy. Important note: the clinical case examples will use the common (trade) names of the drugs, but the student will systematically search for correspondence in terms of active ingredient (INN).</p> <p>Participation in the practical work, tutorials and exercise sessions is compulsory and essential to validate the teaching unit. Any unjustified absence will result in a penalty for the exam, which can go as far as the cancellation of the exam mark (0/20). In case of repeated absences, even if justified, the teacher may propose to the jury to oppose the registration for the EU exam in accordance with article 72 of the RGEE.</p>
Faculty or entity in charge	FARM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Pharmacy	FARM2M	5		