

2.00 credits

0 h + 22.5 h

Q1 and Q2

Teacher(s)	Dalleur Olivia ;Dessy Chantal ;Hermans Emmanuel ;Rocour Muriel ;Van Bambeke Françoise (coordinator) ;
Language :	French > English-friendly
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.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <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:</p> <ul style="list-style-type: none"> <li>- 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 ;</li> <li>- 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);</li> <li>- understand the objectives of the treatments and how to reach them by an appropriate use of drugs</li> <li>- understand and evaluate the adverse effects related to the use of drugs, taking into account the potential risks of individual patients;</li> <li>- understand drug interactions and be able to react on a rational and pro-active manner;</li> <li>- be capable of evaluation the appropriateness of dosages (including therapeutic schemes) for individual patients ;</li> <li>- on these bases, provide the patient with an appropriate counseling ;</li> <li>- discuss with other healthcare providers about the rational use of drugs.</li> </ul>
Evaluation methods	Carrying out a medication review of a patient encountered during the course Questioning on the use of tools and the application of the approach
Teaching methods	interactive courses + seminars in small groups
Content	<p>Audience seminars on (a) learning about the tools available to assess the suitability of medicines for the patient, (b) learning the medication review process, including how to interview patients, (c) critical analysis of complex clinical cases</p> <ul style="list-style-type: none"> <li>- small group seminars (15 students divided into sub-groups) for conducting medication reviews of volunteer patients</li> <li>- Conducting a medication review during the pharmacy placement, with interim peer review and debriefing involving retail pharmacists.</li> </ul>
Bibliography	Support de cours obligatoire : Répertoire commenté des médicaments
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	2	WFARM2111 AND WFARM2114 AND WFARM2116	