

Name	Galenic pharmacy
ECTS credits	2
Year / Semester	<i>II/2°</i>
Specific learning outcomes	The main objective of the course is to provide students with the foundation to address the galenic preparation in the laboratory of the pharmacy and to give the knowledge of the art of preparing various pharmacotechnological forms.
Contents	<p>A. DESCRIPTION AND TECHNOLOGY OF DRUG PREPARATION</p> <ol style="list-style-type: none"> 1. Active ingredient and excipients 2. Formulation 3. Packaging 4. Quality control and quality assurance <p>B. LIQUID DRUG FORMS</p> <ol style="list-style-type: none"> 1. Solutions, 2. Drinkable ampoules 3. Drinkable Drops 4- eye drops 5- Injectable forms 6. Emulsion and Suspension <p>C. SOLID DRUG FORMS</p> <ol style="list-style-type: none"> 1. Powder 2. Tablets 3. Granules 4. Capsules <p>D. SEMI SOLID DRUG FORMS</p> <ol style="list-style-type: none"> 1. POMMADE 2. PASTA 3. GEL 4. Suppositories
Teaching and learning methods	<i>Face to face, 45 hours</i>
Teaching techniques	<i>Practical classes, 45 hours</i>
Assessment methods	<p><i>Written.</i></p> <p><i>A first-term written test and a second-term written test are not foreseen.</i></p> <p><i>The first-term written test will be devoted to the assessment of the level of achievement of GALENIC FORMS B.</i></p> <p><i>The second term written test will be devoted to the assessment of the level of achievement of pharmaceutical operations C, D.</i></p>
Assessment criteria	<p>The main knowledge gained will be:</p> <ol style="list-style-type: none"> 1. Galenic preparations and essays on liquid and solid dosage forms for oral administration, rectal, vaginal, according to the European Pharmacopoeia and USP. 2. the basics of pharmaceutical legislation relating. The teaching with lecture presentation is enhanced

	with practical classes using drugs and excipients of pharmaceutical specifications.
Assessment metrics	<i>Attribution of a final grade</i>
Criteria of attribution of the final grade	<p><i>The grade goes from 1 (minimum) up to 20 (maximum). The minimum threshold to pass is 7. To pass the exam students should obtain the minimum evaluation in all the assessments.</i></p> <p><i>The final grade will be determined according to the following rules:</i></p> <ul style="list-style-type: none"> - <i>Written exam: 50%</i> - <i>term written test: 20%</i> - <i>Practical classes : 30%</i>
Preparatory course units	N.A.
Didactic material	<p>Pharmacie galénique : formulation et technologie pharmaceutique, <u>PWehrlé</u> , MALOINE. 2012</p> <p>Pharmacie galénique BP, <u>O Allo</u>, P Blanc, M Dalmasso et J Reynier, PROPHYRE. 2013</p> <p>Aide-Memoire de Pharmacie Galenique, L Jammes, 2012</p>