

Bachelor of pharmacy program					
Name of the course	Code	Hours			Overall aims of the course
		Theoretical	Practical	Total	
Pharmaceutics I	-	3 h/week	2.5 h/week	5.5 h/week	The course aims to orient the student to pharmacy education and to introduce some basic elements of pharmacy practice including relevant terminology, physician's prescription, routes of drug administration and compounding principles of selected dosage forms. The course also aims to providing the student with physical pharmacy principles as a platform for understanding pharmaceutical processes and dosage form characteristics.
Pharmaceutics II	-	2 h/week	2 h/week	4 h/week	The course aims to provide the student with insight into the concepts and principles of pre-formulation and formulation. The course also aims to provide the student with basic knowledge of powder characteristics, of solid, semisolids and of sterile liquid dosage forms.
Pharmaceutics III	-	3 h/week	2.5 h/week	5.5 h/week	<p>a) Introducing the concepts of biopharmaceutics, pharmacokinetics, and bioequivalence in relation to in vivo performance of pharmaceutical products and therapeutic outcomes.</p> <p>b) Introducing the concept of pharmaceutical product stability, types of instability, mechanisms</p>

					<p>and kinetics of drug decomposition, factors affecting product stability and approaches to enhance product stability.</p> <p>c) Introducing the concept of controlled drug delivery.</p> <p>d) Introducing personal care and cosmetic products.</p> <p>e) Introducing Pharmaceutical Care as a new vision of pharmacy practice.</p> <p>f) Introducing pharmacy legislations.</p> <p>The skills to be acquired include the capability to apply the lecture material presented in different professional settings with emphasis on developing a responsible attitude towards patients' wellbeing.</p>
Pharmaceutics IV	-	3 h/week	2 h/week	5 h/week	<p>In the area of professional pharmacy, the course aims to prepare students to deliver pharmacy services in different pharmacy practice areas including hospital and community pharmacy, applying pharmaceutical care concepts. The course also aims to broaden the students' knowledge in some specialized practice areas such as veterinary pharmacy and nutraceuticals; and to give students up-to-date information on improved product performance of old drugs through reformulation into novel drug delivery</p>

					<p>systems. The tutorials are designed aiming to help students acquire skills necessary for community pharmacy practice in areas of prescription revision and dispensing OTC products. The course aims at developing in the student a responsible attitude towards patients' wellbeing through good pharmaceutical care practices.</p>
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