LM-13 - PHARMACEUTICAL CHEMISTRY AND TECHNOLOGIES LM-13 - CHIMICA E TECNOLOGIE FARMACEUTICHE

EDUCATIONAL PROGRAMME

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1 st YEAR	credits 8				
General and Inorganic Chemistry					
Mathematics and Physics – integrated course					
- Physics					
- Mathematics	8				
Animal Biology and Vegetal Biology	8				
Computing Skills	4				
Human Anatomy	6				
Pharmacology and Pharmacognosis	6				
General Microbiology	6 credits				
2 nd YEAR					
Pharmaceutical Analysis of Drugs	10				
Biochemistry	10				
Organic Chemistry	10				
Molecular Biology	6				
Analytical Chemistry	8				
Physical Chemistry	8				
Physical Methods in Organic Chemistry	8				
3 rd YEAR	credits				
Food chemistry	8				
Pharmaceutical and Toxicological Chemistry I	8				
General Physiology and Pathology (medical Terminology) –					
integrated course					
- General Physiology	8 6				
- Pathology (medical Terminology)					
Analysis of Drugs					
Pharmacology and Pharmacotherapy					
Pharmacological Technology, Socioeconomics and Regulations					
and Technology of Pharmaceutical Types – integrated course					
- Pharmacological Technology, Socioeconomics and	6				
Regulations	6				
- Technology of Pharmaceutical Types					
4 th YEAR	credits				
Applied Pharmaceutical Chemistry	8 8				
Pharmaceutical and Toxicological Chemistry II					
Special Methodologies in Pharmaceutical Analysis	10 6				
Pharmacology and Toxicology					
Group of Optional Activities					
(suggested) Elective activities					
5 th YEAR					
English Language					
Experimental Dissertation	28				
Professional Practice	30				

Group of optional educational activities					
Applied Biochemistry					
Pharmaceutical Biotechnologies					
Advanced Pharmaceutical Chemistry and Drug Design -					
integrated course					
- Advanced Pharmaceutical Chemistry					
- Drug Design					

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Industrial Plants – integrated course							
	- Advanced Pharmaceutical Chemistry						
	- Phai	rmaceutical Indust	rial Plants	•		6	

(suggested) Elective activities	credits			
Advanced Methodologies in Pharmaceutical Chemistry	6			
Drug Vehiculation and Targeting	6			
Structure and Function of Proteins				
Advanced Organic Chemistry				
Drug Surveillance and Pharmacoeconomics				