

Level: PhD				
Course title: Phytopreparations quality and standardization (DSB621)				
Status: elective				
ECTS: 15				
Requirements:				
Learning objectives				
The aim of the course is to provide students with the theoretical knowledge and practical skills in the field of production, standardization and registration of different types of phytopreparations.				
Learning outcomes				
After completing the course, students will be trained in selecting, adapting, developing and implementing an adequate method for the production of certain types of products. Also, they will be able to determine the group of active molecules important for standardization, as well to prepare a proposal for registration of traditional medicine or dietary supplements.				
Syllabus				
<i>Theoretical instruction</i>				
Types of phytopreparations, active principles and mode of action. The difference between traditional herbal medicine and dietary supplements of plant origin. Ways to achieve uniformity in the composition of phytopreparations. Introduction to the principles of production of phytopreparations. Standardization based on one or more active principles. Recalculation of doses and adaptation based on the registration (drug or dietary supplement). Requirements for registration of phytopreparations. Preparation of documents required for registration.				
<i>Practical instruction</i>				
Practical lessons will follow a program of lectures.				
Weekly teaching load				Other:
Lectures: 5 (75)	Exercises:	Other forms of teaching:	Student research: 5 (75)	