

Study Programme : BSc in Biology			
Degree level: Bachelor degree			
Course Title: Allergenic Plants			
Professor: Dragana Vukov, PhD			
Elective Course			
Number of ECTS: 5			
Prerequisites: Plant Systematics			
Course Objective: Introduction to the representatives of different systematical categories of higher plants that are known to induce nutritional, pollen and/or contact allergies, their biology, ecology and significance in vegetation,			
Course Outcome: Individual planning and realisation of allergenic plants research, data processing and presentation of gained results.			
Course Content:			
<i>Theoretical part:</i> Allergies and their causes. Contact allergies and plant species that cause them. Morphological and biochemical features of plants that cause contact allergies. Pollen allergies and plant species that cause them. Morphological and micromorphological features of pollen allergenic plants. Nutritional allergies and plant species that cause them. Morphological and biochemical features of plants that cause nutritional allergies. Allergenic plants in: Cl. Magnoliopsida: Subcl. Magnoliidae, Subcl. Ranunculidae, Subcl. Hamamelididae, Subcl. Caryophyllidae, Subcl. Dileniidae, Subcl. Rosidae, Subcl. Lamiidae, Subcl. Asteridae. Cl. Liliopsida: Subcl. Liliidae, Subcl. Commelinidae, Subcl. Arecidae.			
<i>Practical part:</i> Introduction to the representatives of the allergenic plants in following groups: Cl. Magnoliopsida: Subcl. Magnoliidae, Subcl. Ranunculidae, Subcl. Hamamelididae, Subcl. Caryophyllidae, Subcl. Dileniidae, Subcl. Rosidae, Subcl. Lamiidae, Subcl. Asteridae. Cl. Liliopsida: Subcl. Liliidae, Subcl. Commelinidae, Subcl. Arecidae.			
Reading List:			
1. Igić, R., Boža, P., Anačkov, G., Vukov, D. (2005): Atlas alergijskih biljaka Novog Sada. Prirodno-matematički fakultet, Departman za biologiju i ekologiju, Novi Sad.			
2. Cvrtila, D. prev. (1984): Alergenske biljke. Pharmacia dd Jugoslavija, Gorenjski tisk, Kranj.			
3. Tatić, B. Blečić, V. (1984): Sistematika i filogenija viših biljaka. Zavod za udžbenike i nastavna sredstva, Beograd.			
4. Magdefrau, K., Ehrendorfer, F. (1978): Sistematika evolucija i geobotanika. Školska knjiga, Zagreb.			
5. Igić, R., Vukov, D. (2000): Sistematika viših biljaka. Praktikum za studente biologije i ekologije sa zaštitom životne sredine. Univerzitet u Novom Sadu.			
Total hours:			
Lectures: 2	Practicals: 2	Other:	Student research work:
Methods of instruction:			
Theoretical part in the form of lectures, practical part in the form of laboratory excersises, individual work with students on their research projects.			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	points
Active participation in lectures	10	Practical exam	
Active participation in practicals	10	Oral exam	40
Test(s) or			
Pre-exam testing	40		