Course Unit Descriptor

Study Programme: Phytomedicine

Course Unit Title: Production practice

Course Unit Code: 19.02PRFT (semester 5) 19.FT1004 (semester 6)

Name of Lecturer(s): Assoc. Prof. Bojan Konstantinović, PhD

Type and Level of Studies: Undergraduate Academic Studies

Course Status (compulsory/elective): compulsory

Semester (winter/summer): winter and summer

Language of instruction: English

Mode of course unit delivery (face-to-face/distance learning): face-to-face

Number of ECTS Allocated: 2+1 (2 ECTS in 5th semester and 1 ECTS in 6th semester)

Prerequisites: -

Course Aims:

The differentiation of the bacterial, fungal, viral infections, as well as of the impact of the harmful insects in the production of various crops/plantations. Getting familiar with the weed flora of the different crops/plantations. Acquiring the knowledge of the available integrated methods for the control of the pathogens, insects and weeds.

Learning Outcomes:

The knowledge gained within this course offers the opportunity to the future agronomists of the study programme Phytomedicine to be included in the practical operations in the field of plant protection, determining the causes of the production problems, as well as defining the available means for their resolution.

Syllabus:

Theory

Practice

Field trips. Visiting farms to get the students familiar with the different practices in plant protection, i.e. the pests, pathogens, and weeds control in fruit, viticulture, field and vegetable crop production. Visiting agricultural organizations that produce vegetables and flowers in greenhouses/glasshouses, etc.

All these activities are taken under compulsory courses:

1. *Plant Bacteriology and Virology (22 hours)*
2. *Plant Mycoses (23 hours)*
3. *Entomofauna of Field and Vegetable Crops (23 hours)*
4. *Prediction in Plant Protection and Entomofauna of Stored Products (22 hours)*

Required Reading:

1. Konstantinović, B. (2011): General Herbology and Herbicides (in Serbian). University of Novi Sad, Faculty of Agriculture.
2. Grahovac, M., Budakov, D. (2019): Pseudomycoses and mycoses of fruit, grapevine and ornamental plants (in Serbian). University of Novi Sad, Faculty of Agriculture.
3. Bagi, F., Jasnić, S., Budakov, D. (2016). Plant Virology (in Serbian). University of Novi Sad, Faculty of Agriculture.
4. Collective of Autors (2012): Phytomedicine (in Serbian). University of Novi Sad, Faculty of Agriculture.
5. Inđić, D., Vuković, S. (2011): Phytopharmacy (fungicides and zoocides) (in Serbian). University of Novi Sad, Faculty of Agriculture.
6. Collective of Authors (2018): Pesticides in Agriculture and Forestry in Serbia in 2018. Serbian Plant Protection Society. Belgrade.

Weekly Contact Hours:	**Lectures:**	**Practical work: 90**

Teaching Methods: **Field trips. Visiting the agricultural organizations, stations, storages, companies that produce pesticides, seeds, etc.**			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	**Final exam**	points
Active class participation	30	Diary of production practice	10
Herbarium (weeds)	20		
Herbarium (plant diseases)	20		
Insectarium	20		