## PHYTOMEDICNE

## WHY STUDY PHYTOMEDICNE?

## For all kinds of agriculture production plant protection has crucial importance. Neglecting of this segment of agriculture leads to unforeseeable consequences for the society.

## Students of the study programme Phytomedicine acquire the necessary knowledge through theoretical and practical teaching, after ending of the elementary academic studies they are capable of including themselves in all activities, in agriculture related to healthy food production and environmental protection. Students are enabled to gain experience in the study of theoretical and methodological concepts in plant protection and to apply this knowledge in praxis. Active participation in work and praxis enable students fast integration into the labour market. Students are also educated for production management according to the concept of integral plant protection that implies the use of all available methods for control of disease agents, pests and weeds in the aim of prevention of their increase in a number over limit, due to which occur economically significant damages.

## PRINCIPAL OBJECTIVES OF THE STUDY PROGRAMME

## Basic aim of the study programme, Phytomedicine, is gaining requested basic knowledge from the field of Phytomedicine (plant protection), integral plant protection and modern agricultural production. Undergraduate academic studies last 4 (four) years. Knowledge that students acquire on causes of plant diseases, plant pests and weeds, pesticides for plant protection, their practical use and impact to the environment will make future expert work easier, as well as their expression in direct personal contact.

## EMPLOYMENT POSSIBILITIES

## Production and Protection of vegetables, cereals, fruits, vine grape, ornamental and medicinal plants, stored products, mushrooms, etc.. from diseases, pests and weeds.

## Work on the introduction of environmentally friendly and safe technologies with the aim to produce a safe food for human and animal use.

## Efforts to combat micotoxigenic species that occur as a limiting factor in the use of agricultural products in the world and in our country.

## Farm management.

## Extention Services.

## Scientific research at universities, institutes and other scientific and professional organizations.

## Inspection Services.

## Research and development programs in the industry for pesticide producers.

## Management and organization of pesticides, seeds and planting materials (agricultural chemists, etc.).

## Representation of manufacturers and distributors of pesticides and seeds

## Jobs in communal hygiene (disinfection, fumigation and pest control).

## Journalistic and editorial work in specialized magazines and shows.

## *POSSIBILITIES FOR FURTHER EDUCATION*

## *Graduate engineers of the study program Phytomedicine meet all the necessary conditions for the continuation of master academic studies within the TEMPUS program'' International Joint Master Degree in Plant Medicine'', which allows student mobility, recognition of exams, classes in Serbian and English language \*http> http>//193.204.187.209/tempus/), and then further training on doctoral studies.*

## WHY STUDY AGROECOLOGYAND ENVIRONMENTAL PROTECTION?

## The study programme Agroecology and Environmental Protection enables obtaining knowledge from scientific and professional subjects in the function of successful recognition and solving of the problems from the field of environmental protection. Students have the opportunity to learn about basic principles of the agriculture, impact of environmental issues \*global heating, acid rains, global climatic changes( to agricultural processes and technology, new technological and developmental approaches in agricultural production and, etc.

## Agricultural production cannot be seen separated in relation to the environmental issues. Deeper knowledge of complex, long-term interactions between nature and humans is necessary, as well as innovative technological and developmental approaches to agricultural production in order to fulfil growing human population need for food, with preservation of natural riches.

## PRINCIPAL OBJECTIVES OF THE STUDY PROGRAMME

## Students acquire needed knowledge and skills from the field of environmental protection, and other elements of sustainable development, providing training for environmental and natural resource management to them. Teaching process provides quality work through lectures, practice and making of seminar end expert papers.

## Students have the opportunity to cooperate directly with the teachers, with the possibility of checking of the gained knowledge, which enables the manifestation of individual and team creativity, but also development of critical opinion and expression.

## EMPLOYMENT POSSIBILITIES

## Independent consultants in the field of environmental protection

## Companies that work in the field of environmental protection of environmental impacts assessment

## Utilities

## Professional advisory services

## Inspection Services

## Scientific research at universities, institutes and other scientific and professional organizations

## Scientific research at universities, institutes and other scientific and professional organizations

## *POSSIBILITIES FOR FURTHER EDUCATION*

## *Engineer of Agroecology and Environmental Protection gains the ability to continue further improvement through academic master's and doctoral studies.*

## 33% of damages in the world are caused by disease agents, weeds and pests in the crops.

## The less damages, the more food for billion people, due to successful plant protection.

## THE WORLD NEEDS SAFE FOOD