Intercultural Course

Intercultural Course is a compulsory Erasmus course for every incoming Erasmus student in the whole academic year. The course contains some social exercises such as national events when you introduce your home country or international days when you need to cooperate with other foreign and local students or make videos or photos about your Erasmus life at John von Neumann University. It offers some trips in Hungary or visiting some interesting institutions in Kecskemét also. In the most case these events take place in the youth international community called English Chat Club in Kecskemét, which is operated by young Hungarian students and foreign volunteers. The course is controlled by the institutional Erasmus Coordinator and the other workers in the International Office.
Cultivation of alternative plants

The course describes of alternative plants that have been undermined and undeclared, which contribute to the synthesis of multi-level crop rotation, to increase biodiversity, maintain and improve the nutrient stock and structure of the soil, and promote healthy nutrition.

Plant protection

Purpose of the course: The plant pathogens get to know and the basic pathological knowledge learning. Learn about the plant pests. Students recognize the various pathogens and pests.

Specialty ornamental plants 2.

Specialty ornamental plants are those ornamentals which have a smaller (niche) market or they have a special cultural need, which limits their growing area. Main topics are: Insight in the Dutch flower auctions, orchids, carnivorous plants, miscellaneous flower bulbs, perennials, tropical plants, mosses, lichens and fungi.

Introduction to biotechnology

Biotechnology is one of the most research intensive industries. The course gives an introduction to the past, the present and the future trends of biotechnology. After giving an overview of genetics and molecular background of biotechnology, some of the tools and applications will be presented through some well known example (food and medical biotechnology, cloning, genetic modification, GMO’s, tissue culture techniques, human genom project, marker assisted selection etc.). Furthermore, ethical aspects of biotechnology and genetic engineering will be discussed. Tissue culture and molecular biology laboratory of the university will be introduced to the students.

Microelements in agriculture

The course shows the importance of microelements - mainly in agriculture, the processes influencing the quantity and the form of microelements in the soil, factors influencing the uptake of microelements by plants and the role and importance of these elements in animals and the human body.
**Basis of plant application**

The students will meet with the ecological and aesthetical principles of plant associations. Development and changing of artificial plant communities will show in private gardens and public green areas.

**Obstsortenkunde**