



Module Description

LLP ERASMUS INTENSIVE PROGRAMME

Ecological production systems for environmental and human health (EPSSEN)

Module title: Impact of ecological agriculture on human and animal health.

Name of university teacher: Dr Renata Kazimierczak – Warsaw University of Life Sciences, Poland

Objectives of the module: The objective is to present the impact of the food quality on human health. Chemicalization of agricultural production is a source of many harmful substances in the crops and food products (nitrates, nitrites, pesticides, antibiotics, hormones, etc.). These substances have a negative impact on human health. Organic methods of agricultural production are known as more safe and friendly to environment, and also better for crops quality. Students will be introduced as well to the issues related to GMO and its impact on the environment and human health.

Module content:

1. Impact of the organic products on animal and human health - the concept and empirical data.
2. Organic food production and transgenic food (GMO).

Learning outcomes and competences:

After completing of module student will have knowledge about the close relationship between system of agricultural production and animal and human health. Student will have skills in evaluation of the risks posed by the introduction of GMOs into crops and the environment.

Recommended reading and useful links:

www.organic-europe.net, www.organic-center.com, www.soilassociation.org, www.organicfqrresearch.org
www.orgprints.org, www.organic-world.net
http://www.organic-center.org/reportfiles/13Years20091126_FullReport.pdf
<http://blogs.das.psu.edu/tetherton/wp-content/uploads/Nutrition-Related-Health-Effects-of-Organic-Foods-A-Systematic-Review.pdf>, http://www.cib.org.br/estudos/estudos_alimentares06.pdf

Teaching methods:

Lecture – PP presentations