



Module Description

LLP ERASMUS INTENSIVE PROGRAMME

Ecological production systems for environmental and human health (EPSEN)

Module title:

Crop rotation systems in organic farming

Name of university teacher:

Dr. Juergen K. Friedel

Objectives of the module:

Knowledge about crops and their position in organic crop rotations in temperate climates

Know how to fulfill aims of organic crop rotations

Module content:

Aims of crop rotations in organic farming

Guidelines for setting up crop rotations

Self(in)compatibility of main crops

Pre-crop effects of main crops and cover crops

Interactions of crop rotation, fertilization, soil cultivation

Setting up crop rotations for differing farm types and regions

Learning outcomes and competences:

Understanding crop rotations in organic farming

Being able to set up and optimize crop rotations

Recommended reading and useful links:

Freyer, B. 2003: Fruchtfolgen - konventionell, integriert, biologisch. Verlag Eugen Ulmer, Stuttgart

Freyer et al. 2005: Futter- und Körnerleguminosen im biologischen Landbau. Verlag av Buch, 176 S.

Teaching methods:

lecture and exercises