

## **List of Modules Master's course of study in Tropical and International Agriculture August 2006**

### **Compulsory modules**

You have to choose three modules out of the following list.

1. Tropical Animal Husbandry Systems
2. Crops and Production Systems in the Tropics
3. Socioeconomics of Rural Development
4. Ecopedology of the Tropics and Subtropics
5. World Agricultural Markets and Trade

### **Compulsory optional modules to train methodical skills**

You have to choose two modules out of the following list.

1. Ecosystems, Land use and Crop Modelling
2. Introduction to Econometric Market and Policy Analysis
3. Multidisciplinary Research in Tropical Production Systems
4. Propagation Techniques and Ecophysiology in the Tropics
5. Quantitative Research Methods in Rural Development Economics
6. Remote Sensing Image Processing with Open Source Software

### **Compulsory optional modules in the major fields of study**

#### **Major field of study International Agribusiness**

You have to choose five modules out of the following list.

1. Agricultural and Environmental policy
2. Agricultural Price Theory
3. Microeconomic Theory and Planning Methods for Agricultural Development
4. Monitoring and Evaluation of Rural Development Policies and Projects
5. Regional Policy and Rural Areas
6. Rural Development Theory and Policy
7. Supply Chain Management in the Food Industry
8. Forest development policy
9. International Forest Economics
10. Organisation and Management
11. Scientific Writing
12. Seminar on Agricultural Policy

#### **Major field of study Tropical Agriculture**

You have to choose five modules out of the following list.

1. Agricultural Engineering in the Tropics and Subtropics
2. Agrobiodiversity and Plant Genetic Resources in the Tropics
3. Exercise on the Quality of Tropical and Subtropical Plant Products
4. Pest and Diseases of Tropical Crops
5. Plant Breeding: Quantitative Genetics, Adaption, Genetic Resources
6. Quality and Processing of Tropical Plant Products

7. Tropical Agro-Ecosystem Function
8. Aquaculture in the Tropics and Subtropics
9. Animal environment interactions under (sub-) tropical conditions
10. Animal husbandry and sustainable use
11. Plant Nutrition in the Tropics and Subtropics
12. Scientific Writing
13. Tropical Animal Health I
14. Tropical Animal Health II

### **Major field of study Resource Management in the Tropics**

You have to choose five modules out of the following list.

1. Agrobiodiversity and Plant Genetic Resources in the Tropics
2. Biocontrol and Biodiversity
3. Monitoring and Evaluation of Rural Development Policies and Projects
4. Regional Policy and Rural Areas
5. The Economics of Biological Diversity in the Tropics and Subtropics
6. Tropical Ecosystem Function
7. Assessing Wildlife for Conservation
8. Forest growth, disturbance and management in the tropics
9. International Nature conservation, fundamentals and perspectives of conservation biology
10. Scientific Writing
11. Tree crop-interactions in agroforestry systems

### **Compulsory optional modules all major fields of study for the research semester abroad**

1. Colloquium on the preparation of the research abroad
2. Colloquium on the realisation of the research abroad
3. Colloquium on the appraisal of the research abroad