

SUSTAINABLE AGRICULTURE, B. Sc.

COURSE SCHEDULE OF FULL TIME STUDY COURSE

1th Semester

- Agroecology and Sustainable Development
- Sustainable Learning – Learning Sustainability
- Climate Change and Water Management
- Economics and Logistics
- Analysis and Interpretation of Data
- Agricultural Chemistry
- Soil Science and Tillage

2nd Semester

- Bio- and Food Chemistry
- Soil Science and Tillage
- Biology and Biodiversity
- Basis of Animal Sciences: Anatomy, Physiology and Animal Nutrition
- Analysis of International Land Use and Cropping Systems
- Project

3rd Semester

- International Markets, Trade and Agricultural Policy
- Energy and Agricultural Engineering
- Crop Physiology and Nutrition
- Advanced Interpersonal and Intercultural Communication
- Ethics and Philosophy in Life Sciences
- Crop Health

4th Semester

- Sociological and Psychological Aspects of Sustainable Development
- Animal Health and Breeding
- Agrotechnology and New Agriculture
- Horticulture and Agroforestry
- Elective Modules 1

Elective Modules 1:

- Sustainable Field Crop and Specially Crop Production
- Sustainable Animal Husbandry
- Phytomedicine
- Traceability of Agricultural Products
- Pasture, Grassland and Fodder Production
- Soil Ecology, Soil Biology and Soil Protection
- Applied Sustainability in Agriculture
- Free Choice

5th Semester

- Animal Welfare
- Food Processing and Human Nutrition
- Sustainability Analysis of International Supply Chains
- Resource Economics and Risk Assessment
- Sustainability Management and Food Safety
- Elective Modules 2

Elective Modules 2:

- Herd Management and Health
- Advanced Agricultural Engineering and Energy Harvesting Systems
- Livestock and Environment
- Advanced Environment Psychology and Field
- Methods of Consulting
- Organic Farming
- Methods in Agroecology
- Free Choice

internship or study abroad (20 weeks)

bachelor thesis (3 month)

contact:

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head of study course:
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