



Study plan: Specialisation Agricultural Science, Major Value Chains and Rural Development

Effective from 1 August 2022

| Code | Module Title | ECTS | Module type |
|-------------------|--|-----------|-------------|
| Group 1 | Core Competence Modules - compulsory optional | | |
| B1 | Business Administration for Life Sciences | 3 | CO |
| B2 | Management and Leadership for Life Sciences | 3 | CO |
| B3 | Innovation and Project Management | 3 | CO |
| B4 | Politics and Society | 3 | CO |
| D1 | Handling and Visualizing Data | 3 | CO |
| D2 | Design and Analysis of Experiments | 3 | CO |
| D3 | Modelling and Exploration of Multivariate Data | 3 | CO |
| D4 | Data and Ethics | 3 | CO |
| Group 1 | Minimum required | 15 | |
| Group 2 | Cluster-specific Modules - compulsory optional | | |
| E1 | Journal Club Environmental and Natural Resource Sciences | 3 | CO |
| E2 | Life Cycle Assessment | 3 | CO |
| E3 | Sustainable Natural Resource Management | 3 | CO |
| E4 | Ecological Infrastructure in Landscapes | 3 | CO |
| E5 | Biodiversity | 3 | CO |
| E6 | Water Management for Households, Industry and Agriculture | 3 | CO |
| F4 | Sustainable Food Supply Chains | 3 | CO |
| F5 | Advanced Sensory Techniques | 3 | CO |
| Group 2 | Minimum required | 9 | |
| Group 3 | Generic Specialisation Modules - compulsory optional | | |
| AF-01 | Applied Research in Natural and Social Sciences | 5 | CO |
| AF-02 | Knowledge Management and Sharing in Agriculture and Forestry | 5 | CO |
| AF-03 | Integrated Natural Resources Management and Climate Change | 5 | CO |
| Group 3 | Minimum required | 5 | |
| Group 4 | Major-specific Modules - compulsory optional | | |
| AF-11 | Logistics, Supply Chain and Network Management | 5 | CO |
| AF-12 | Consumer Behaviour, Markets and Trade | 5 | CO |
| AF-13 | Corporate Responsibility, Quality Management and Traceability | 5 | CO |
| AF-32 | Policies and Institutions as Drivers for Development and Innovation | 5 | CO |
| AF-33 | Rural and Regional Development in Practice | 5 | CO |
| Group 4 | Minimum required | 15 | |
| Group 5 | Further Specialisation Modules - compulsory optional | | |
| AF-21 | Expansion of Personal Scientific Knowledge | 5 | CO |
| AF-22 | Holistic Assessment of Production Systems | 5 | CO |
| AF-23 | Optimisation of Production Systems in Agriculture and Forestry | 5 | CO |
| AF-24 | Advances in Agricultural and Forest Sciences | 5 | CO |
| AF-25 | Current Topics in Applied Agricultural and Forest Research | 5 | CO |
| AF-41 | International Forestry | 5 | CO |
| AF-51 | Land- und forstwirtschaftliche Produktion in Bergregionen | 5 | CO |
| AF-52 | Natural Hazards and Risk Management | 5 | CO |
| AF-53 | Management of Spatial Data - GIS | 5 | CO |
| AF-55 | Regionalmanagement, Tourismus und Pärke | 5 | CO |
| AF-56 | Landscape Development and Planning | 5 | CO |
| All groups | Minimum required from modules (has to be completed by taking additional modules from groups 1, 2, 3, 4 and 5) | 60 | |
| Thesis | Minimum required from Master Thesis | 30 | |

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