

## Study plan: Specialisation Agricultural Science, Major Sustainable Production Systems

Effective from 1 August 2022

Code	Module Title	ECTS	Module type
<b>Group 1</b>	<b>Core Competence Modules - compulsory optional</b>		
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
<b>Group 1</b>	<b>Minimum required</b>	<b>15</b>	
<b>Group 2</b>	<b>Cluster-specific Modules - compulsory optional</b>		
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
<b>Group 2</b>	<b>Minimum required</b>	<b>9</b>	
<b>Group 3</b>	<b>Generic Specialization Modules - compulsory optional</b>		
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
<b>Group 3</b>	<b>Minimum required</b>	<b>5</b>	
<b>Group 4</b>	<b>Major-specific Modules - compulsory</b>		
AF-21	Expansion of Personal Scientific Knowledge	5	C
AF-22	Holistic Assessment of Production Systems	5	C
AF-23	Optimisation of Production Systems in Agriculture and Forestry	5	C
<b>Group 4</b>	<b>Minimum required</b>	<b>15</b>	
<b>Group 5</b>	<b>Further Specialization Modules - compulsory optional</b>		
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
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
<b>All groups</b>	<b>Minimum required (has to be completed by taking additional modules from groups 1, 2, 3 and 5)</b>	<b>60</b>	



<b>Thesis</b>	<b>Minimum required from Master's Thesis</b>	<b>30</b>	
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