

MODULE DESCRIPTION FOR THE COURSE OF STUDY

Master Forest Industries Summer 2022
Department of
Forestry

TABLE OF CONTENTS

1. Semester

353221010	Economic Planning and Management in Forest Industries	3
353221020	Cost Management and Controlling	5
353221030	Law for Managers	7
353221040	Information Management	9
353221050	International Timber Trade	11

2. Semester

353222010	Knowledge Management and Transfer in Agriculture and Forestry	13
353222020	Integrated Natural Resources Management and Climate Change	15
353222030	Logistics, Supply Chain and Network Management	17
353222040	Consumer Behaviour, Markets and Trade	19
353222050	International Forestry and Forest Industry	21
353222060	International Management	23

Electives

980400160	German as a foreign language - Basic A1 (CERF)	25
880400010	German as a foreign language - C1 (CEFR)	26
810500030	English for Specific Purposes	27
880600010	French UNIcert® Basic - A1 (CEFR)	29
880600020	French UNIcert® Basic - A2 (CEFR)	31
880600030	French UNIcert® I - B1 (GER)	33
810900090	Intercultural Competence	35
881090010	Italian UNIcert® Basic - A1 (CEFR)	37
881090020	Italian UNIcert® Basic - A2 (CEFR)	39
881400010	Dutch Basic - A1 (CEFR)	41
881800060	Russian UNIcert® Basis - A1 (GER)	42
881800070	Russian UNIcert® Basis - A2 (GER)	44
881190010	Spanish UNIcert® Basic - A1 (CEFR)	46
881190020	Spanish UNIcert® Basic - A2 (CEFR)	48
881190040	Spanish UNIcert® I - B1 (GER)	50
911900940	Advanced statistics with R	51

Thesis

353223000	Master's Thesis	53
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ECONOMIC PLANNING AND MANAGEMENT IN FOREST INDUSTRIES

Module number	353221010
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	1
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Andrea Stübner
Lecturers involved	N.N.

Competency objectives of the module

At the end of the module the student will be able to:

- Analyse business environment in the forest and wood industry
- Elaborate and interpret economic plannings
- Apply different strategic analyses
- Carry out business management using the different management methods
- Use quantitative methods of economics

Assessment of learning outcome

Semester paper (10 weeks to complete the paper).

Contents of the module

- Strategic planning processes
 - Environmental analysis
 - Company analysis
 - Strategic planning options
 - Introduction to management theory
 - Management systems
 - Management systems for forest and wood industries
-

Requirements for participation

Basic knowledge of business administration is recommended.

Examinations

353221010 Economic Planning and Management in Forest Industries
Exam form: Student research project | 10 weeks

Courses with workload

353221010A Economic Planning and Management in Forest Industries

Teaching form: Seminar-based tuition | 4.0 SHPW | Contact study 60.00 h | Self-study 60.00 h

353221010B Economic Planning and Management in Forest Industries - Exercises

Teaching form: Project seminar | 0.0 SHPW | Contact study 0.00 h | Self-study 30.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

COST MANAGEMENT AND CONTROLLING

Module number	353221020
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	1
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Prof. Dr. Steffen Rogg
Lecturers involved	Dr. Volker Schindel

Competency objectives of the module

At the end of the module the student will be able to:

- analyze and interpret costs, as well as apply the cost-accounting principles commonly used in the forest and wood industries
- solve economic problems related to forestry and similar fields applying business-management methods
- retrieve, process, and analyze data in preparation for target-oriented decision-making
- support and advise management teams in result-oriented planning and realization of business activities
- Use of quantitative methods of economics

Assessment of learning outcome

Written exam (120 minutes)

Contents of the module

- Introduction to cost management
 - Product-related cost management
 - Process-related cost management
 - Investment and financing
 - Basic controlling functions
 - Instruments of strategic controlling
 - Instruments of operative controlling
 - Integrated use of controlling tools
-

Requirements for participation

Basic knowledge of business administration is recommended.

Examinations

353221020 Cost Management and Controlling
Exam form: Written examination | 120 minutes

Courses with workload

353221020A Cost Management and Controlling

Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 60.00 h | Self-study 60.00 h

353221020B Cost Management and Controlling - Exercises

Teaching form: Exercise | 1.0 SHPW | Contact study 15.00 h | Self-study 15.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

LAW FOR LEADERS

Module number	353221030
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	1
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Prof. Dr. Ewald Endres
Lecturers involved	Prof. Dr. Michael Hofmann

Competency objectives of the module

At the end of the module the student will be able to:

- evaluate management's legal obligations and risks
- identify and analyze possible forms of contract and law shaping
- follow the basic principles of corporate taxation

Assessment of learning outcome

Written exam (120 minutes)

Contents of the module

- Basic legal obligations and liabilities of corporate management
 - Choice of legal form – backgrounds and options
 - Opportunities and limits of contract design
 - Corporate, trade, and turnover taxation
 - International corporate law
 - International tax law
-

Requirements for participation

Basic knowledge of general jurisprudence or civil and corporate law is recommended.

Examinations

353221030 Law for Managers
Exam form: Written examination | 120 minutes

Courses with workload

353221030A Law for Leaders
Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 45.00 h | Self-study 75.00 h

353221030B Law for Leaders exercises
Teaching form: Exercise | 1.0 SHPW | Contact study 15.00 h | Self-study 15.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

INFORMATION MANAGEMENT

Module number	353221040
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	1
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Prof. Dr. Steffen Rogg
Lecturers involved	N.N.

Competency objectives of the module

At the end of the module the student will be able to:

- Understand the importance of information to an organization.
- To develop an information technology strategy based on an analysis of the business strategy using quantitative and qualitative methods.
- To remember challenges in the implementation of a service-oriented IT management and to create adequate solution approaches.

Assessment of learning outcome

Semester paper (10 weeks to complete the paper).

Contents of the module

- IT strategy
 - IT organization
 - IT processes
 - IT controls
 - IT security Management
 - IT governance
-

Requirements for participation

Fundamentals of computer science is recommended.

Examinations

353221040 Information Management
Exam form: Student research project | 10 weeks

Courses with workload

353221040A Information Management

Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 45.00 h | Self-study 75.00 h

353221040B Information Management Exercises

Teaching form: Exercise | 1.0 SHPW | Contact study 15.00 h | Self-study 15.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

INTERNATIONAL TIMBER TRADE

Module number	353221050
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	1
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Prof. Dr. Hubert Speth
Lecturers involved	Prof. Günter Berger

Competency objectives of the module

At the end of the module the student will be able to:

- Basic Forms of International Trade
- Principles and Practice of International Wood Marketing
- The Legal environment of International Timber Trade
- The Export and Import order process in Wooden Businesses
- International Timber Transport
- Custom Controls for Wooden Products
- Risk Management in International Wood Trade
- International Payment in Wooden Business
- Entrepreneurship in the forest products sector
- Innovation and Ideation in the forest products sector
- Business Model Canvas in the forest products sector
- Development and Evaluation of Business Models in the forest products sector

Assessment of learning outcome

In “International Timber Trade”, a 90 minute exam needs to be completed. Achieving 50% will result in pass.
In “Entrepreneurship in the forest products sector”, assignments are counted as follows:
Tasks during the modules 10%+10% , Development of a Business Model Canvas (BMC) for an individual idea 40%; Evaluation of a BMC of another student 40%. Achieving 50% will result in pass.

Contents of the module

- Practice distribution processes
- International Wood Marketing
- The law of contract, the law of agency
- The Export/Import quotation
- Incoterms
- Freight forwarders, Modes of international Transport
- Export documentation (Bill of lading, waybills, etc.)
- Export and import procedures and documents
- Cargo insurance, physical-, credit and exchange risks
- International Payment methods (Letter of Credit, etc.)

- Ideation – how to create business ideas
 - Forms of countertrade
 - Business model canvas
 - St. Gallen Business Model Navigator
 - Development of new business ideas
 - Business Model Canvas
 - Business Plans
 - Best practice examples in the wood-based sector
-

Requirements for participation

Basic knowledge in international business and in business administration is helpful, but not necessary.

Examinations

353221050 International Timber Trade

Exam form: Written examination

Courses with workload

353221050A International Timber Trade

Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 45.00 h | Self-study 45.00 h

353221050B Entrepreneurship in the forest products sector

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 30.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

KNOWLEDGE MANAGEMENT AND SHARING IN AGRICULTURE AND FORESTRY

Module number	353222010
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Dr. Lindsey Norgrove
Lecturers involved	Johannes Brunner Dr. Lindsey Norgrove Natalie Raeber

Competency objectives of the module

After completing the module, students will be able to:

- understand the ways scientific knowledge is produced, managed and disseminated both within and outside of the formal publication system;
- present the acquired information effectively and discuss it with an interdisciplinary audience;
- develop a strategy to valorize the outcomes of a research project and choose the appropriate tools for targeting the different stakeholders;
- apply tools of knowledge sharing with practitioners (articles for print media, facilitation of workshops);
- procure, understand and interpret scientific publications and assess their relevance for solving specific problems.
- collate and analyze information on a current topic, presenting it concisely in a well-structured way.

Assessment of learning outcome

- 1) Article for print media, presentation and debate in seminar (40%)
 - 2) Literature review (60%)
-

Contents of the module

Principles of knowledge management and sharing in science; forms, principles and processes of scientific publishing.

Knowledge sharing: concepts and tools (examples):

- Collaborative learning approaches
- Facilitating group processes
- Continuous education
- Article for print media and cross-media linking
- IT-supported knowledge sharing tools

Students elaborate and deliver an article for print media of practitioners, an adaptation for social media platforms, present their own article and deepen their knowledge of another article in a seminar they facilitate. Systematic literature search in forestry and agriculture: international bibliographical databases and their relevance, retrieval platforms; working efficiently with reference management software, especially with the knowledge management functions.

Scientific writing: exercises in class; students select a narrow topic to deal with a state-of-the-art topic and write a systematic literature review.

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).

Guest lecturers will be involved in the course.

Requirements for participation

No conditions for participation.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

The module will be majorly offered in a hybrid format allowing students to select to attend either on-site (in Zollikofen, Switzerland) or from home. For the seminar, students must choose between presenting and facilitating on-site or online. Students are required to participate as an audience in both seminar formats during two weeks. Information on the timetable will be announced during the preceding summer semester.

The following sequences are compulsory for students: participation in both seminars on-site and online. For details on compulsory sequences, please refer to the detailed schedule of the module, which will be uploaded on Moodle four weeks before the start of the module. Attending the lectures on the systematic review is strongly recommended.

Examinations

353222010 Knowledge Management and Transfer in Agriculture and Forestry
Exam form: Student research project

Courses with workload

353222010A Knowledge Management and Sharing in Agriculture and Forestry
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 50.00 h | Self-study 50.00 h

353222010B Knowledge Management and Sharing in Agriculture and Forestry - Exercises
Teaching form: Seminar | 1.0 SHPW | Contact study 25.00 h | Self-study 25.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

INTEGRATED NATURAL RESOURCES MANAGEMENT AND CLIMATE CHANGE

Module number	353222020
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Claude Garcia
Lecturers involved	Sébastien-Pierre Boillat Mariana Melnykovich Patrick Waeber

Competency objectives of the module

After completing the module students will be able to:

- understand the major challenges and underpinning concepts of managing landscape in a changing environment globally;
- recognize the key issues and problems of natural resources management (incl. sustainable land and forest management, Land-use, Land Use change and Forests, and REDD+) from a disciplinary perspective and bring them in a wider interdisciplinary context;
- develop and design scenarios and strategy games to elaborate sound recommendations for problem solving and/or decision making in natural resources management, using adequate methods and tools;
- collaborate in a multi-disciplinary team and participate in the elaboration of recommendations for decision making from an interdisciplinary perspective (integrated assessment, “synthesis”) and reflect the disciplinary results from such broader perspective.

Students develop a mutual understanding across disciplines toward solving complex problems in natural resources and environmental management.

Assessment of learning outcome

- 1) A game designed and presented, and an integrated assessment/synthesis (team work) in form of a report (60%)
- 2) An oral exam (40%)

Contents of the module

Lecturers give an introduction of the selected topic and contributions from different disciplines to approach key issues related to that subject, including:

- Basic concept and approaches of integrated resources and environmental management and concepts in the various anthromes of the world

- Introduction to design principles for complex system participatory modelling and multi-agent modelling.
- Objectives of sustainable use and conservation of natural resources as well as fair and equitable sharing of benefits from ecosystem goods and services
- Integration of economic, ecological, societal, institutional, managerial and technical perspectives on a selected current topic of natural resources and environmental management in agricultural, forestry and agro-food systems.

Students elaborate an assessment of policy and management recommendations from (i) different disciplinary perspectives and (ii) an integrated (cross-disciplinary) perspective in the context of sustainable development.

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).

Requirements for participation

No entry requirements.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

The module will be organized during two full weeks. Information on the timetable will be announced during the preceding summer semester. Students are required to attend lessons on-site in Zollikofen. The entire sequence is compulsory for students.

The detailed schedule of the module will be uploaded on Moodle four weeks before the start of the module.

Examinations

353222020 Integrated Natural Resources Management and Climate Change

Exam form: Student research project

Courses with workload

353222020A Integrated Natural Resources Management and Climate Change

Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 60.00 h | Self-study 35.00 h

353222020B Integrated Natural Resources Management and Climate Change - exercises

Teaching form: Project seminar | 1.0 SHPW | Contact study 25.00 h | Self-study 30.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

LOGISTICS, SUPPLY CHAIN AND NETWORK MANAGEMENT

Module number	353222030
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Bernhard Pauli
Lecturers involved	Ingrid Fromm

Competency objectives of the module

After completing the module students will be able to:

- handle important terms and theories of logistics properly
- apply relevant tools in logistics in practical situations
- describe relevant foundations of supply chain management (SCM)
- to understand and apply key analytical constructs to describe value chains and market systems development for agricultural, food and timber markets
- know best practice in value chain research methods
- solve selected value chain management problems
- transfer these topics to logistics, supply chain and network management in agriculture, food and forest industries, both in a national and international context
- to overview the principles of the fourth industrial revolution and to understand their influence on the design of value networks

Assessment of Learning Outcome

- 1) Case study (group work) on value chain management (25%)
 - 2) Case study (group work) on logistics (25%)
 - 3) Final exam (50%)
-

Contents of the module

The module focuses on supply chain management (SCM), logistics and network management of value chains in general (generic knowledge) and in agriculture, food and forest industries **fourth industrial revolution** in particular.

Supply Chain and Value Chain Management

- History and basic principles of SCM
- Concept of value chain
- Value-chain analysis: research and assessment methods
- Cost analysis in SCM

- Holistic approach to value chain management: coordination, decision-making, controlling, incentives and information in a system
- Value chain approaches in international cooperation

Logistics

- Logistics in procurement, production, distribution and waste disposal
- Logistics on strategic, tactical and operational level
- Optimization of service level in logistics
- Planning and controlling tools in logistics (PPS, PRP, MRPII, ERP, APS, etc.)
- Methods (ABC/XYZ-analysis, procurement-portfolio, management of suppliers)
- Procurement and storage strategies
- Organizational forms and processes in logistics
- Analysis and optimization of processes in logistics
- International logistics

Analysis and Conclusion

- Discussion and reflection of logistics and SCM in agriculture, food and forest industries.

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).

Guest lecturers will be involved in the course.

Requirements for participation

Knowledge on the principles of logistics, supply chains and economics / previous completion of the module "Consumer Behaviour, Markets and Trade" recommended.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

The sequences with guest lecturers, the presentations of case studies and the excursion to Krono Swiss Menznau (Bernhard Pauli) are compulsory for students. The detailed schedule with the dates of the compulsory sequences will be uploaded on Moodle four weeks before the start of the module.

Examinations

353222030 Logistics, Supply Chain and Network Management

Exam form: Student research project

Courses with workload

353222030A Logistics, Supply Chain and Network Management

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 55.00 h | Self-study 65.00 h

353222030B Logistics, Supply Chain and Network Management - Exercises

Teaching form: Exercise | 2.0 SHPW | Contact study 10.00 h | Self-study 20.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

CONSUMER BEHAVIOR, MARKETS AND TRADE

Module number	353222040
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Dr. Phatima Mamardashvili
Lecturers involved	Claude Garcia Dr. Franziska Götze

Competency objectives of the module

After completing the module students will be able to:

- describe and analyse the characteristics and functioning of selected agricultural, food and forest products using basic economic tools and models
- explain current developments on these markets, from a perspective of producers, consumers, and investors and against the background of international trade, market structures and government policies
- use economic thinking to analyse the impact of national and international policies on agricultural, food and forest products
- analyze and explain the influence of selected marketing and pricing strategies
- draw conclusions for the management of value chains
- have an overview of the different concepts that influence consumer behavior, explain the consumer decision making process
- explain the different trends and their importance in marketing
- present and explain the different methods of market research, their features and their use
- gain initial experience in the application of market research methods, critically evaluate market research tools

Assessment of learning outcome

- 1) Group work (Case study) and its presentation (50%)
 - a) Knowledge and Content (based on abstract and presentation), max. points 35
Criteria: (1) Organization, (2) Background/context content; (3) Main part content; (4) Discussion/ recommendations / conclusions content; and (5) Knowledge of subject
 - b) Presentation skills (based on presentation only), max. points 15
Criteria: (1) Eye contact, (2) Elocution (not language); (3) Length and pace;
- 2) Written exam (50%), 90 minutes; max. points 50 (general part 30 points, forest part 10 points and consumer part 10 points)

Contents of the module

The module will deal with the following topics by drawing on examples from agriculture and forestry:

- Economic principles of production and consumption
- Consumer behavior

- Consumer trends
- Market research
- Market and price theory with applications
- Economics of international trade
- Framework conditions: market organizations and government policies; Characteristics of agricultural, food and timber/forest products markets in different countries, with presentation of selected case studies
- Market data and market analyses

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).
Guest lecturers will be involved in the course.

Requirements for participation

Knowledge of the principles of economics and marketing: Work through chapters 1 and 2 in Hudson (2007) and check your understanding by doing the pre-course test questions in the book.
Basics of markets and policy in food, timber or agricultural markets.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

The sequences with guest lecturers and the seminars where market studies are presented are compulsory for students. The detailed schedule with the dates of the compulsory sequences will be uploaded on Moodle 4 weeks before the start of the module.
Attendance is compulsory.

Examinations

353222040 Consumer Behaviour, Markets and Trade
Exam form: Student research project

Courses with workload

353222040A Consumer Behavior, Markets and Trade
Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 50.00 h | Self-study 65.00 h

353222040B Consumer Behavior, Markets and Trade - Seminar
Teaching form: Exercise | 1.0 SHPW | Contact study 10.00 h | Self-study 25.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

INTERNATIONAL FORESTRY AND FOREST INDUSTRY

Module number	353222050
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Claude Garcia
Lecturers involved	Sébastien-Pierre Boillat Mariana Melnykovich Patrick Waeber

Competency objectives of the module

After completing the module students will be able to:

- assess the role of forests and forestry in a global, regional, national and local development context;
- understand ecological, social and economic challenges in the principal forest biomes (boreal, temperate, humid and dry tropics);
- apply concepts, methods and tools to assess and implement sustainable forest management and forest conservation at landscape level in the various forest biomes and under different socio-cultural and economic conditions;
- assess main potentials and constraints of forest management implemented globally, with particular emphasis on distinguishing between forest rich and forest poor situations;
- analyze main forest policy and governance issues at national and international levels, based on the three pillars of sustainability (incl. application of C&I);
- position forestry and the forest sector in the wider national and international development context (including macro-economic policies, poverty reduction, food security, energy) set assess the sector's potentials and limitations;
- link forests and forestry to the global externality agenda, including the provision of forest goods and services, poverty alleviation goals, climate change and REDD+, biodiversity conservation and the protective role of forests and trees

Assessment of learning outcome

- 1) Scientific exchange (oral, individual), in front of the class (20%)
 - 2) Abstract paper on an emerging issue in international forestry (20%)
 - 3) Oral exam: scientific discussion about selected themes in international forestry (60%)
-

Contents of the module

The module will focus on the analysis on the main challenges for forests and forestry in a global policy and development context. These include the role of forests and forestry under changing environmental and social conditions; the analysis of the macro-economic context to conserve and manage forests globally; the

understanding of the global forest resource assessment (methods, definition, results); the biophysical and socio-economic conditions of managing and conserving forests in the major biomes; the concepts of sustainable forest management (SFM), in natural and man-made forests as well as at landscape level; REDD+; and global forest institutions.

Particular attention will be given to understand the various demands on forests and forestry by society now and in the future, including:

- Valuating forest goods (timber, NTFP) and services (soil, water, carbon, biodiversity)
- Forest resources and production of wood and non- timber forest products
- Forest policy and governance
- Forest and climate change with particular emphasis on REDD+
- Forest and biodiversity conservation

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).

Requirements for participation

Solid background in one of the following fields of study: Forestry, agriculture, natural resources management or environmental economics. The module is designed to acquire and translate knowledge in a disciplinary and interdisciplinary context.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

For details on compulsory sequences (game sessions and sequences with guest lecturers), please refer to the detailed schedule from this year of the module. The new schedule will be uploaded on Moodle four weeks before the start of the module.

Examinations

353222050 International Forestry and Forest Industry
Exam form: Student research project

Courses with workload

353222050A International Forestry and Forest Industry
Teaching form: Seminar-based tuition | 3.0 SHPW | Contact study 84.00 h | Self-study 30.00 h

353222050B International Forestry and Forest Industry - Seminar
Teaching form: Seminar | 2.0 SHPW | Contact study 24.00 h | Self-study 12.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

INTERNATIONAL FOREST ENGINEERING

Module number	353222060
EC-points	5.0
Weight for overall grade	1.0
Recommended semester of study	2
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Dr. Lindsey Norgrove
Lecturers involved	Dr. Lindsey Norgrove

Competency objectives of the module

After completing the module students will be able to:

- present current topics in agricultural and forestry research within their own field of specialization;
- discuss current topics of research with colleagues from other sub-fields of the environmental (agricultural or forest) disciplines; and,
- give an overview of important topics that are currently on the research agendas in Switzerland and other countries.

Assessment of learning outcome

- 1) Seminar presentation and discussion (30%)
 - 2) Individual report, review paper or additional exam by the principal advisor (70%)
-

Contents of the module

The module covers selected examples of recently concluded or on-going research projects (e.g. at HAFL, WSL, Agroscope research stations, universities, CGIAR centres and other institutions in Switzerland or abroad).

The content of the self-study is fixed in accordance with the student's principal advisor and can be adapted to cover recent developments and publications in the agricultural and forest sciences.

The module is organised by the Bern University of Applied Sciences – School of Agricultural, Forest and Food Sciences (BFH-HAFL).

Requirements for participation

Students must have either specified their own Master's thesis project (together with their principal advisor) or have identified suitable content for the module and secured the agreement of the module coordinator or another advisor for the purpose of the module.

Course can also be attended by students from other English-taught master's programmes in Life Sciences at BFH-HAFL.

Duration 1 semester: 1-3 days final seminar

The following sequences are compulsory for students: Participation at the final seminar for one full day. For details on compulsory sequences, please refer to the detailed schedule of the module, which will be uploaded on Moodle 4 weeks before the start of the module.

Examinations

353222060 International Management
Exam form: Student research project

Courses with workload

353222060A Current Topics in Applied Agricultural and Forest Research
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 24.00 h | Self-study 126.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries

GERMAN AS A FOREIGN LANGUAGE - BASIC A1 (CERF)

Module number	980400160
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module
None

Contents of the module

Requirements for participation
no requirements for participation

Examinations
980400160 German as a foreign language - Basic A1 (CERF)
Exam form: undefined

Courses with workload
980400160A Deutsch als Fremdsprache Basis - A1.1 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW
980400160B Deutsch als Fremdsprache Basis - A1.2 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW

Usability of the module in the following degree programs
Master International Management of Forest Industries

GERMAN AS A FOREIGN LANGUAGE - C1 (CEFR)

Module number	880400010
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	N.N.
Lecturers involved	N.N.

Competency objectives of the module

Contents of the module

Requirements for participation

no requirements for participation

Examinations

880400010 German as a foreign language - C1 (CEFR)

Exam form: undefined

Courses with workload

880400010A Deutsch als Fremdsprache - C1.1

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

880400010B Deutsch als Fremdsprache - C1.2

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management

Master International Management of Forest Industries

Master Food Quality

ENGLISH FOR SPECIFIC PURPOSES

Module number	810500030
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	only in the summer semester
Module responsible	Natalia Romano Brandt
Lecturers involved	Walter Strauß Nicole von Jüchen

Competency objectives of the module

810500030A (English for Specific Purposes / Fachsprachliche Kompetenz)

- Die Fähigkeit, in fachlichen Kontexten die Fremdsprache in geschriebener und gesprochener Form zu verstehen sowie funktional und kompetent unter weitgehend korrekter Verwendung eines breiten Spektrums sprachlicher Mittel zu verwenden.
- Entwicklung von Lernstrategien, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

810500030B (Written Communication / Schriftliche Kommunikation)

- Die Fähigkeit, studienrelevante schriftliche Textsorten in der Fremdsprache, ihre Regeln und die sprachlichen Mittel zu ihrer Produktion zu erkennen sowie sie funktional und kompetent unter weitgehend korrekter Anwendung eines breiten Spektrums sprachlicher Mittel selbständig zu produzieren.
- Entwicklung von Lernstrategien, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

810500030A (English for Specific Purposes / Fachsprachliche Kompetenz)

- General introduction to science vs. applied sciences, argumentation and writing styles in texts, linking words, Academic English
- Structure of research reports, effective note-taking during lectures on the basis of material on environmental issues
- fact vs. opinion
- work on subject-specific material
- Presentation of research reports
- Exam preparation and mock exam

810500030B (Written Communication / Schriftliche Kommunikation)

Within the UNiCert III Written Communication course, the following topics will be covered:

- Formal & Informal English
- The Structure of a Paragraph
- The Development of a Paragraph
- The Structure of an Essay
- Outlining an Essay
- Opinion Essay
- Balanced Argument Essays

The course will be rounded off with listening and reading comprehensions as well as discussions.

Requirements for participation

Verpflichtende Teilnahme am Onset-Test vor Kursbeginn (Ergebnis mind. 136 Punkte). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

810500030 English for Specific Purposes
Exam form: undefined

Courses with workload

810500030A English for Specific Purposes (Fachsprachliche Kompetenz)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

810500030B Written Communication (Schriftliche Kommunikation)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

FRENCH UNICERT® BASIC - A1 (CEFR)

Module number	880600010
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige einfache Alltagssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen sowie einfache Auskünfte zum Studium, zur Hochschule und zu Berufswünschen zu geben.
- Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und in einfachen Äußerungen dazu Stellung zu nehmen.
- Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest und ggf. am C-Test (elektronischer Einstufungstest) vor Kursbeginn (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

880600010 French UNICert® Basic - A1 (CEFR)

Exam form: undefined

Courses with workload

880600010A Französisch UNICert® Basis - Kurs 1 (A1.1 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

880600010B Französisch UNICert® Basis - Kurs 2 (A1.2 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

FRENCH UNICERT® BASIC - A2 (CEFR)

Module number	880600020
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, in vertrauten allgemeinsprachigen Kommunikationsbereichen einfacher bis mittlerer Komplexität sich mündlich und schriftlich angemessen zu äußern.
- Landeskundliche Kenntnisse über das Land der Zielsprache zu erwerben, kulturelle Unterschiede wahrzunehmen.
- Lernstrategien zu entwickeln, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen und ggf. am C-Test (elektronischer Einstufungstest) vor Kursbeginn oder erfolgreicher Abschluss des vorausgehenden Moduls 'Französisch UNICert® Basis - A1 (GER)' (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden)

Examinations

880600020 French UNICert® Basic - A2 (CEFR)

Exam form: undefined

Courses with workload

880600020A Französisch UNICert® Basis - Kurs 3 (A2.1 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

880600020B Französisch UNICert® Basis - Kurs 4 (A2.2 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

FRENCH UNICERT® I - B1 (GER)

Module number	880600030
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, Alltagssituationen sowie erste studien- und berufsbezogene Kommunikationssituationen mittlerer Schwierigkeit in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen.
 - Landeskundliche Kenntnisse über das Land der Zielsprache und Wahrnehmung interkultureller Unterschiede.
 - Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.
 - Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und dazu Stellung zu nehmen.
-

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest und ggf. am C-Test (elektronischer Einstufungstest) vor Kursbeginn oder erfolgreicher Abschluss des vorausgehenden Moduls 'Französisch UNICert® Basis - A2 (GER)' (Voraussetzung für UNICert® I-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden)

Examinations

880600030 French UNICert® I - B1 (GER)
Exam form: undefined

Courses with workload

880600030A Französisch UNICert® I - Aufbaustufe 1 (B1.1 GeR)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

880600030B Französisch UNICert® I - Aufbaustufe 2 (B1.2 GeR)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

INTERCULTURAL COMPETENCE

Module number	810900090
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	only in the winter semester
Module responsible	Natalia Romano Brandt
Lecturers involved	Walter Strauß Nicole von Jüchen

Competency objectives of the module

810900A (Intercultural Communication - Interkulturelle Kommunikation)

- Die Fähigkeit, in einem alltagspraktischen Kontext die Fremdsprache in geschriebener und gesprochener Form zu verstehen und funktional und kompetent unter weitgehend korrekter Anwendung eines breiten Spektrums sprachlicher Mittel zu verwenden
- Die Entwicklung kultureller Sensibilität und die Fähigkeit, bei internationalen Kontakten interkulturelle Probleme zu erkennen und Strategien für konstruktive Kommunikation zu verwenden
- Entwicklung von Lernstrategien, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

810900B (Job-oriented Communication - Berufsorientierte Kommunikation)

- Die Fähigkeit, in beruflichen Kommunikationssituationen die Fremdsprache in geschriebener und gesprochener Form zu verstehen und funktional und kompetent unter weitgehend korrekter Anwendung eines breiten Spektrums sprachlicher Mittel zu verwenden
- Entwicklung von Lernstrategien, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

810900A (Intercultural Communication - Interkulturelle Kommunikation)

- What is inter-cultural communication?
- The importance of cultural awareness
- What is culture?
- Cultural briefing
- Cultural models: Hofstede, Hall, Lewis
- Dealing with critical incidents
- Dealing with culture shock
- What is intercultural competence good for?

810900B (Job-oriented Communication - Berufsorientierte Kommunikation)

In this course, we will cover the following topics:

- presentations, graphs
- CV and cover letters
- the greening of business
- preparing for competency-based job interviews

Requirements for participation

Verpflichtende Teilnahme am OnSet-Test vor Kursbeginn (Ergebnis mind. 136 Punkte). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

810900090 Intercultural Competence
Exam form: undefined

Courses with workload

810900090A Modul Intercultural Competence, Kurs 1: Intercultural Communication
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

810900090B Modul Intercultural Competence, Kurs 2: Job Oriented Communication
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Bachelor Biotechnology
Bachelor Brewing and Beverage Technology
Bachelor Brewing and Beverage Technology (combined studies)
Bachelor Horticulture
Bachelor Landscape Architecture
Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

ITALIENISCH UNICERT® BASIS - A1 (GER)

Module number	881090010
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige einfache Alltagssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen sowie einfache Auskünfte zum Studium, zur Hochschule und zu Berufswünschen zu geben .
- Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und in einfachen Äußerungen dazu Stellung zu nehmen.
- Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest vor Kursbeginn (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

881090010 Italian UNICert® Basic - A1 (CEFR)

Exam form: undefined

Courses with workload

881090010A Italienisch UNICert® Basis - A1.1 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881090010B Italienisch UNICert® Basis - A1.2 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

ITALIAN UNICERT® BASIC - A2 (CEFR)

Module number	881090020
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, in vertrauten alltagspraktischen Kommunikationsbereichen einfacher bis mittlerer Komplexität sich mündlich und schriftlich angemessen zu äußern.
- Landeskundliche Kenntnisse über das Land der Zielsprache zu erwerben, kulturelle Unterschiede wahrzunehmen.
- Lernstrategien zu entwickeln, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest vor Kursbeginn oder erfolgreicher Abschluss des vorausgehenden Moduls 'Italienisch UNICert® Basis - A1 (GER)' (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

881090020 Italian UNICert® Basic - A2 (CEFR)

Exam form: undefined

Courses with workload

881090020A Italienisch UNICert® Basis - A2.1 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881090020B Italienisch UNICert® Basis - A2.2 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

NIEDERLÄNDISCH BASIS - A1 (GER)

Module number	881400010
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige einfache Alltagssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen sowie einfache Auskünfte zum Studium, zur Hochschule und zu Berufswünschen zu geben .
- Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und in einfachen Äußerungen dazu Stellung zu nehmen.
- Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden je Teilmodul).

Examinations

881400010 Dutch Basic - A1 (CEFR)

Exam form: undefined

Courses with workload

881400010A Niederländisch Basis - A1.1 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881400010B Niederländisch Basis - A1.2 (GER)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management

Master International Management of Forest Industries

RUSSIAN UNICERT® BASIS - A1 (GER)

Module number	881800060
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	Irina Mahli Marina Mashchenko

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige einfache Alltagssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen sowie einfache Auskünfte zum Studium, zur Hochschule und zu Berufswünschen zu geben.
- Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und in einfachen Äußerungen dazu Stellung zu nehmen.
- Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am schriftlichen Einstufungstest vor Kursbeginn (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

881800060 Russian UNICert® Basis - A1 (GER)

Exam form: Certificate of achievement

Courses with workload

881800060A Russisch UNICert® Basis -Kurs 1 (A1.1 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881800060B Russisch UNICert® Basis -Kurs 2 (A1.2 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

RUSSIAN UNICERT® BASIS - A2 (GER)

Module number	881800070
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, in einer begrenzten Zahl allgemeiner Situationen die russische Sprache in geschriebenen und gesprochenen Kommunikationsformen einfacher Komplexität zu verstehen und funktional einzusetzen.
- Landeskundliche Kenntnisse über das Land der Zielsprache zu erwerben und kulturelle Unterschiede wahrzunehmen.
- Lernstrategien zu entwickeln, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am schriftlichen Einstufungstest vor Kursbeginn oder der erfolgreiche Abschluss des vorausgehenden Moduls 'Russisch UNICert® Basis - A1 (GER)' (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden).

Examinations

881800070 Russian UNICert® Basis - A2 (GER)

Exam form: undefined

Courses with workload

881800070A Russisch UNICert® Basis -Kurs 3 (A2.1 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881800070B Russisch UNICert® Basis -Kurs 4 (A2.2 GeR)

Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

SPANISCH UNICERT® BASIS - A1 (GER)

Module number	881190010
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige einfache Alltagssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen sowie einfache Auskünfte zum Studium, zur Hochschule und zu Berufswünschen zu geben .
 - Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und in einfachen Äußerungen dazu Stellung zu nehmen.
 - Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.
-

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest vor Kursbeginn (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden je Teilmodul).

Examinations

881190010 Spanish UNICert® Basic - A1 (CEFR)
Exam form: undefined

Courses with workload

881190010A Spanisch UNICert® Basis - A1.1 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881190010B Spanisch UNICert® Basis - A1.2 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

SPANISCH UNICERT® BASIS - A2 (GER)

Module number	881190020
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, in vertrauten alltagspraktischen Kommunikationsbereichen einfacher bis mittlerer Komplexität sich mündlich und schriftlich angemessen zu äußern.
 - Landeskundliche Kenntnisse über das Land der Zielsprache zu erwerben, kulturelle Unterschiede wahrzunehmen.
 - Lernstrategien zu entwickeln, die der eigenständigen Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.
-

Contents of the module

Requirements for participation

Verpflichtende Teilnahme am mündlichen Einstufungstest vor Kursbeginn oder erfolgreicher Abschluss des vorausgehenden Moduls 'Spanisch UNICert® Basis - A1 (GER)' (Voraussetzung für UNICert® Basis-Zertifikat). 75% Anwesenheitspflicht je Teilmodul (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden je Teilmodul).

Examinations

881190020 Spanish UNICert® Basic - A2 (CEFR)
Exam form: undefined

Courses with workload

881190020A Spanisch UNICert® Basis - A2.1 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

881190020B Spanisch UNICert® Basis - A2.2 (GER)
Teaching form: Seminar-based tuition | 2.0 SHPW | Contact study 30.00 h | Self-study 45.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

SPANISCH UNICERT® I - B1 (GER)

Module number	881190040
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	
Module responsible	Natalia Romano Brandt
Lecturers involved	N.N.

Competency objectives of the module

Der Kurs verfolgt folgende Kompetenzziele:

- Die Fähigkeit, einige Alltagssituationen sowie erste studien- und berufsbezogene Kommunikationssituationen in der Fremdsprache in geschriebenen und gesprochenen Kommunikationsformen zu bewältigen.
 - Die Fähigkeit, kulturelle Unterschiede wahrzunehmen und dazu Stellung zu nehmen.
 - Entwicklung von Lernstrategien, die der Weiterentwicklung der Sprachkenntnisse der Studierenden dienen.
-

Contents of the module

Requirements for participation

Teilnahme am mündl. Einstufungstest vor Kursbeginn oder erfolgreicher Abschluss der Vorstufe A2 (GeR). 75% Anwesenheitspflicht (d.h. zulässige Fehlzeiten: i.d.R. 4 Unterrichtsstunden)

Examinations

881190040 Spanish UNICert® I - B1 (GER)
Exam form: undefined

Courses with workload

881190040A Spanisch UNICert® I - B1 (GER)
Teaching form: Seminar-based tuition | 4.0 SHPW | Contact study 60.00 h | Self-study 90.00 h

Usability of the module in the following degree programs

Master Agricultural Management
Master International Management of Forest Industries
Master Food Quality

ADVANCED STATISTICS WITH R

Module number	911900940
EC-points	5.0
Recommended semester of study	
Duration of the module (semester)	1
Offer frequency	irregular
Module responsible	Prof. Dr. Steffen Rogg
Lecturers involved	Michael Kobl

Competency objectives of the module

Ability to fix technical issues independently
Handling data streams for in- as well as output
Knowledge of methodological background in means of statistical estimators
Security in interpretation of outputs related to inferential statistics
Robust execution of code using functions

Contents of the module

Using operators and setting datatypes
Defining workflow
Understanding of dataset structure
Applying multivariate methods
Supportive graphical approaches
Statistical backgrounds and formulae

Requirements for participation

Operable distribution of R
Capability of using audio & video as well as sharing content on Zoom
Personal dataset possibly originating from a bachelor thesis
Basic knowledge of descriptive and inferential Statistics
Knowledge of English, Level B2

Examinations

911900940 Advanced statistics with R
Exam form: Student research project | 10 weeks

Courses with workload

911900940A Advanced statistics with R
Teaching form: Exercise | 4.0 SHPW

Usability of the module in the following degree programs

Master Farm Management
Master International Management of Forest Industries

MASTER'S THESIS

Module number	353223000
EC-points	30.0
Weight for overall grade	6.0
Recommended semester of study	3
Duration of the module (semester)	1
Offer frequency	every semester
Module responsible	Prof. Dr. Steffen Rogg
Lecturers involved	Prof. Dr. Ewald Endres Prof. Dr. Hubert Speth Andrea Stübner

Competency objectives of the module

At the end of the module the student will be able to:

- independently work on a selected, comprehensive topic at academic level, under the supervision of internal and external advisors
- select and apply a set of methods suitable for the necessary tasks of analysis, problem solving, and synthesis
- identify and effectively use a variety of information sources
- establish close cooperation with the – forestry or timber – company which set the topic
- write a scientific report as master thesis
- present and defend the thesis findings before an expert committee

Assessment of learning outcome

- 1) Master's thesis (85%)
 - 2) Colloquium (15%)
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Contents of the module

Students prove their ability to develop solutions for specific problems within the scope of the degree programme and its related disciplines within a limited period, independently and according to scientific standards.

Requirements for participation

In order to be permitted to commence work on a master's thesis, students must have obtained a total of 30 EC from the semesters of theoretical study. Any EC that are missing on account of students not having the required entry qualifications must also have been obtained at this point.

Examinations

353223001 Master's Thesis
Exam form: Master's thesis | 6 month

353223002 Defence Colloquium
Exam form: Colloquium | 45 minutes

Courses with workload

353223000A Master's Thesis
Teaching form: Project seminar | 1.0 SHPW | Contact study 15.00 h | Self-study 690.00 h

353223000B Master's Thesis - Project Defence Colloquium
Teaching form: Project seminar | 1.0 SHPW | Contact study 15.00 h | Self-study 30.00 h

Usability of the module in the following degree programs

Master International Management of Forest Industries
