

COURSES IN ENGLISH - Weihenstephan Campus

WINTER TERM 2022/23*



COURSE OVERVIEW

[SWS = Hours / week; EC = European Credits]

DEPARTMENT OF BIOENGINEERING SCIENCES

811600190	<u>Process Plant Engineering (Master Level)</u>	4 SWS / 6 EC
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DEPARTMENT OF HORTICULTURE AND FOOD TECHNOLOGY

	<u>Project Work - Horticultural Research</u>	max. 30 EC
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	<u>Project Work - Food Technology Research</u>	max. 30 EC
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911600790	<u>Plant Proteins</u>	2 SWS / 3 EC
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922000040	<u>Technical English for Food Technologists</u>	2 SWS / 3 EC
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922000030	<u>Technical English for Horticulturists</u>	2 SWS / 3 EC
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DEPARTMENT OF LANDSCAPE ARCHITECTURE

251143030	<u>Planning and Design 3</u>	7 SWS / 10 EC
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251147X10	<u>Advanced Planning and Design 2</u>	7 SWS / 10 EC
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	<u>Economic Botany: Global Plant Resource</u>	2 SWS / 2,5 EC
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	<u>Utilisation</u>	
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356201030	<u>Soil and Water Resources and Climate</u>	4 SWS / 5 EC
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	<u>Change</u>	
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356201020	<u>Digital Tools</u>	4 SWS / 5 EC
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	<u>Modules Master of Landscape Architecture</u>	2 - 8 SWS / 2,5 - 10 EC
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	<u>(IMLA)</u>	
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*Course offerings are preliminary and may be subject to change.

For an up-to-date list and timetable, please check online: <https://www.hswt.de/en/programmes-and-projects.html>

DEPARTMENT OF SUSTAINABLE AGRICULTURE AND ENERGY SYSTEMS

910900080	<u>International Marketing</u>	2 SWS / 3 EC
234127310	<u>Intercultural Communication / International Energy Law</u>	4 SWS / 5 EC
910200470	<u>Renewable Energy Business in Asia</u>	2 SWS / 2,5 EC

DEPARTMENT OF FORESTRY

911400150	<u>Natural Resources Management: Use and Protection of Tropical Forests</u>	2 SWS / 2,5 EC
922000070	<u>Technical English for Forest Engineers</u>	2 SWS / 3 EC
355182050	<u>Entrepreneurial Marketing (Master Level)</u>	4 SWS / 5 EC
355182060	<u>Job-oriented Communication (Master Level)</u>	4 SWS / 5 EC

ONLINE COURSES

911300370	<u>Agricultural Machinery Costs Calculation - MOOC (Massive Open Online Course)</u>	2 - 4 SWS / 2,5 - 5 EC
n.n.	<u>Agrarian Production Economics - MOOC (Massive Open Online Course)</u>	2 - 4 SWS / 2,5 - 5 EC

LANGUAGE CLASSES

922000070	<u>Technical English for Forest Engineers</u>	2 SWS / 3 EC
922000030	<u>Technical English for Horticulturists</u>	2 SWS / 3 EC
922000040	<u>Technical English for Food Technologists</u>	2 SWS / 3 EC
922000050	<u>Technical English for Brewing and Beverage Technologists</u>	2 SWS / 3 EC
980500080	<u>Englisch UNIcert III - Intercultural Communication</u>	2 SWS / 3 EC
980500060	<u>Englisch UNIcert III - Job-Oriented Language Competence</u>	2 SWS / 3 EC
	<u>German as a Foreign Language (various levels)</u>	2 SWS / 3 EC
	<u>Foreign Language Classes: English, French, Spanish, Italian, Russian, Chinese (various levels)</u>	2 SWS / 3 EC

[SWS = hours / week]

Can't find what you are looking for?

Please inquire with us about the availability of project work in your field of interest by sending an email to: julia.daschner@hswt.de

Last Update: 25/05/2022

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COURSE DESCRIPTIONS

Department of Bioengineering Sciences
Fakultät Bioingenieurwissenschaften

811600190: Process Plant Engineering (Master Level)

Hours/week: 4 SWS	ECTS-credits: 6 EC	Recommended prerequisites: knowledge of unit operations, biotechnology, measurement and control technology, process automation	Lecturer: Prof. Millitzer
<p>Learning outcome: When you have completed this course, you should:</p> <ul style="list-style-type: none">● know the various steps throughout engineering and construction of a plant● know and be able to apply the tools used throughout engineering and construction of a plant● be familiar with the contractual and legal issues throughout engineering and construction of a plant● have a good knowledge of the basic principles of quality assurance throughout engineering and instruction of a plant● have gained further experience in team work: execution of an engineering project by a project team; presentation and discussion of the outcomes of an engineering project with experts from industry <p>Content:</p> <ul style="list-style-type: none">● Introduction● Feasibility Study● Process Development● Conceptual Design● Basic Design● Detail Design● Project Execution● Construction● Commissioning● Contracts● Validation and Qualification			
Assessment methods: written examination; 90 min.			
Room Schedule: TBA (to be announced)			

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Department of Horticulture and Food Technology
 Fakultät Gartenbau und Lebensmitteltechnologie

Project Work - Horticultural Research

Hours/week: up to 40 hrs/ week	ECTS-credits: 5 - 30 EC	Recommended prerequisites: Background in Horticulture or similar field	Lecturer: Prof. Dr. Dominikus Kittermann; Prof. Dr. Heike Mempel
<p>The research project allows students to achieve between 5 to 30 EC by giving them the flexibility to decide themselves how many hours of project work they would like to contribute: one EC corresponds to 27 hours of project work on average per semester. A full-time participation (40 hours/week) for one semester will earn 30 EC.</p> <p>If you are interested in attending other modules and/or language classes in addition to the project work, we advise students to sign up for less hours of project work.</p> <p>Research topics vary and interested students should inquire about current ongoing research projects <i>before sending their application</i> for a study exchange to HSWT. Together with the student, the supervising teachers and researchers will agree on the research topic and work amount for each student individually.</p> <p>The project work encompasses e.g. preparation of a research plan, definition of the experimental design, survey of relevant literature, execution of practical tasks related to the research, analysis, presentation and reporting of results, etc.</p> <p>Exchange students will be integrated into ongoing R&D activities at the IGB (Institute of Horticulture), in which various research topics in and along horticultural supply chains are investigated (mainly with third party funding). They will thus become temporary members of the research team while with us.</p> <p>If you are interested in participating, please send an e-mail to the departmental coordinator Prof. Dr. Stefan Krusche (stefan.krusche@hswt.de), including information on your academic background, practical experience and motivation; you may include any particular topics of interest and we consider these as much as possible.</p>			
Assessment methods: research paper			

Project Work - Food Technology Research

Hours/week: up to 40 hrs/ week	ECTS-credits: 5 - 30 EC	Recommended prerequisites: Background in Food Technology or similar field	Lecturer: Prof. Dr. Heike Mempel Prof. Dr. Özlem Özmutlu-Karslioglu
<p>The research project allows students to achieve between 5 to 30 EC by giving them the flexibility to decide themselves how many hours of project work they would like to contribute: one EC corresponds to 27 hours of project work on average per semester. A full-time participation (40 hours/week) for one semester will earn 30 EC.</p>			

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<p>If you are interested in attending other modules and/or language classes in addition to the project work, we advise students to sign up for less hours of project work.</p> <p>Research topics vary and interested students should inquire about current ongoing research projects <i>before sending their application</i> for a study exchange to HSWT. Together with the student, the supervising teachers and researchers will agree on the research topic and work amount for each student individually.</p> <p>The project work encompasses e.g. preparation of a research plan, definition of the experimental design, survey of relevant literature, execution of practical tasks related to the research, analysis, presentation and reporting of results, etc.</p> <p>Exchange students will be integrated into ongoing R&D activities at the ILM (Institute of Food Technology) where various topics in all areas of food research are investigated, from raw material production to processing and marketing. They will thus become temporary members of the research team while with us.</p> <p>If you are interested in participating, please send an e-mail to the departmental coordinator Prof. Dr. Eckhard Jakob (eckhard.jakob@hswt.de), including information on your academic background, practical experience and motivation; you may include any particular topics of interest and we consider these as much as possible.</p>
<p>Assessment methods: research paper</p>

911600790: Plant Proteins

Hours/week: 2 SWS	ECTS-credits: 3 EC	Recommended prerequisites: TBA (to be announced)	Lecturer: Prof. Dr. Özmutlu- Karslioglu
<p>Objectives of the course/Learning outcome:</p> <p>Students get a good overall view of the properties and application of plant proteins in food industry.</p> <p>Students will learn:</p> <ul style="list-style-type: none"> - plant based protein sources and their physical/functional/technical properties - their taste and texture functionalities in different product categories - technical and ingredient base possibilities to improve consumer choice and acceptability <p>Furthermore, they will have an excellent command of the technical language used in English.</p>			
Assessment methods: Project work and presentation			
Room Schedule: TBA (to be announced)			

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Department of Landscape Architecture
Fakultät Landschaftsarchitektur

251143030: Planning and Design

Hours/week: 7 SWS	ECTS-credits: 10 EC	Recommended prerequisites: for students with background in Landscape Architecture	Lecturer: Prof. Dr. Christian Huber
<p><i>Please note: this course cannot be combined with the course "Advanced Planning and Design"</i></p> <p>This module is a 3rd semester module and consists of 3 parts.</p> <p>Project Work - Content:</p> <p>For the 'Landscape and Land Use Planning' project, students have to work in groups to draw up a landscape plan for a small community. This includes the following stages:</p> <ul style="list-style-type: none">- Analyzing the basic planning conditions and the environmental problems to be resolved- Taking a detailed inventory and assessing the natural resources: soil, groundwater and surface water, climate/air, the landscape and species/communities- Analyzing and evaluating existing data bases (e.g. protected species maps, protection of species and biotopes programme, soil maps, etc.)- Carrying out comprehensive (re-)mapping on site- Developing a landscape planning objectives and measures concept and coming up with suggestions for how such planning statements could be taken into account in land use planning or incorporated into the land use plan <p>Aim</p> <p>To create up-to-date landscape planning maps and a commentary using digital media (practical use of MS Office, CAD and GIS)</p> <p>The main component of the 'Landscape and Land Use Planning' module is the practical project work (six credits in the course organized as a project), which allows the students to practically apply the planning skills they have acquired during their seminars in a landscape and environmental planning context.</p> <p>In order to ensure that the project work is completed effectively, and that students have the chance to choose a specialism that corresponds to their personal interests and preferences, the project is accompanied by a specialist elective course (course number: 25107303B) and a course on planning methodology taught in seminars (course number: 25107303C). Both of these courses relate to the project work, providing students with the knowledge they will need to complete their projects. The aim of linking tutorials and seminars to the project work is to ensure that students make quick and focused progress with their work on their first project during this large time frame, despite having only 30% contact time, and that they are able to organize and work on their projects independently</p>			
Assessment methods: TBA (to be announced)			
Room Schedule: TBA (to be announced)			

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251147X10: Advanced Planning and Design (LP,TP,FP)

Hours/week: 7 SWS	ECTS-credits: 10 EC	Recommended prerequisites: for students with advanced knowledge in Landscape Architecture	Lecturer: TBA (to be announced)
<p><i>Please note: this course cannot be combined with the course "Planning and Design 3"</i></p> <p>This module is a 7th semester module.</p> <p>In this advanced Landscape Architecture course students will choose between:</p> <p>1) Planning & Design in Free Space Planning (module code: 251147110)</p> <p>2) Planning & Design in Landscape Planning (module code: 251147210)</p> <p>3) Planning & Design in Urban Planning (module code: 251147310)</p>			
Assessment methods: TBA (to be announced)			
Room Schedule: TBA (to be announced)			

Economic Botany – Global Plant Resource Utilisation

Hours/week: 2 SWS	ECTS-credits: 2,5 EC	Target group: Students in relevant fields of study	Lecturer: Prof. Dr. Annette Patzelt
<p>This module is part of the Master programme Climate Change Management.</p> <p>This international course offers a global overview of economically important plants and their products. It demonstrates the extent to which humans use plants in the products that support our lives and societies.</p> <p>General topics cover universal and familiar uses of plants as a source of food, fuel, building materials, and industrial raw materials. The course also covers more specialised uses such as medicinal plants, volatile oils, herbs, spices and fibres. Specific topics include the origins of agriculture and the biogeographical history of important cultivated plants. Themes such as reducing the diversity of wild populations of economically useful plants, and controlling the commercial production in increasingly globalised markets are incorporated. The course also considers practical and ethical issues such as bio-piracy, bioprospecting, and the increasing privatisation of patenting of basic food plants. Climate change sensitivities and management options for specific crops will be discussed.</p>			
Assessment methods: Project work and presentation			
Room Schedule: TBA (to be announced)			

356201030: Soil Systems and Climate Change

Hours/week: 2 - 4 SWS	ECTS-credits: 2,5 - 5 EC	Target group: Students in relevant fields of study	Lecturer: Prof. Dr. Lorz und Max
<p>The course "Soil Systems and Climate Change" consists of two parts (Soil Systems and Climate Change and Water Systems and Climate Change).</p>			

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Soil Systems and Climate Change

Soil erosion

- What are the main controlling factors for soil erosion?
- How will climate change affect soil erosion?
- What are the major tools to assess the risk of soil erosion?

Soil hydrology and regional hydrology

- What are the main controlling factors for water capacity, water retention, seepage and groundwater recharge?
- How will climate change affect water balance?
- What are the major tools to assess the effects of climate change on soil hydrology?

Soil organic matter

- What are the main controlling factors for soil organic matter dynamics?
- How will climate change affect soil organic matter dynamics?
- What are the major tools to assess the effects of climate change on soil organic matter?

Field training

The aim of the field training is to understand non-complex methods for the field-based assessment of effects of climate change on soil systems.

- Erosivity, erosion risk, seepage and groundwater recharge (forestry/agriculture)
- Water capacity and water retention (forestry/agriculture)
- Soil organic matter (forestry/agriculture)

Water Systems and Climate Change

Block 1: Basics - mechanism, vulnerability and assessment

- Basics in hydrology
- Main elements of the hydrological cycle
- Main processes of the hydrological cycle
- Parameters in hydrology

Block 2: Hydrology and climate change

- What are the main processes in hydrology affected by climate change?
- What are the main consequences of climate change on the water cycle?

Block 3: Experts from practice and applied research project

- Water management and climate change around the globe (experts from water authorities)
- Presentation of research project on water and climate change

Block 4: Field trip

- Water management and climate change—the real world

Assessment methods: **Written report**

Room Schedule: **TBA (to be announced)**

356201020: Digital Tools

Hours/week: 2- 5 SWS	ECTS-credits: 5 EC	Target group: Students in relevant fields of study	Lecturer: Prof. Dr. Olaf Schroth / Dr. Allan Buras
<p>This module is part of the Master programme Climate Change Management and consists of two parts: GIS (35620102A) and Remote Sensing (35620102B). These may be chosen separately or together.</p> <p>Aim of the module is to acquire knowledge of geographic data processing and learn how to apply an internationally used GIS-software (Geographic Information System). In addition, the focus is on the ability to perform basic GIS management and analysis functions.</p> <p>GIS (Geographic Information Systems) – 35620102A:</p> <ul style="list-style-type: none"> • Overview of GIS and its role in analyzing and modelling changes in land use and climate-relevant processes, development histories, current trends and emerging future areas of application • Visualization of the impacts of climate change and of geodata-based measures for adopting to and mitigating climate change <p>Remote Sensing – 35620102B:</p> <ul style="list-style-type: none"> • Knowledge of remote sensing systems and data • Knowledge about the application of remote sensing data • The ability to conduct fundamental analyses of remote sensing data • The ability to critically evaluate the application of remote sending data and its quality 			
Assessment methods: TBA (to be announced)			
Room Schedule: TBA (to be announced)			

Department of Sustainable Agriculture and Energy Systems
Fakultät Nachhaltige Agrar- und Energiesysteme

910900080: International Marketing (SU) FWPM

Hours/week: 2 SWS	ECTS-credits: 3 EC	Recommended prerequisites: Students with basics in Marketing	Lecturer: Malte Anselm Beyer
<p>Objectives of the course/Learning outcome:</p> <p>This course will develop practical competences for expansion into international markets and coordination of the activities:</p> <ul style="list-style-type: none"> • Basics of international Marketing strategies • Specifics of the Marketing Mix in international business • Case studies and practical examples 			
Assessment methods: Written examination, 60 min in German or English			
Room Schedule: TBA (to be announced)			

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234127310 (ME): Intercultural communication / International Energy Law *(the two parts of the module may be chosen separately)*

Hours/week: 4 SWS	ECTS-credits: 5 EC	Recommended prerequisites: TBA (to be announced)	Lecturer: Prof. Dr. Tanja Barton
Objectives of the course/Learning outcome:			
<u>Intercultural Communication:</u> The students... <ul style="list-style-type: none">• are aware of the division of different business areas on the global market (e.g. Europe, USA, South-America, Asia)• know the most important differences of business habits and behavior on the different markets• practice different “real life situations” in which they need different types of soft skills vis-à-vis their foreign business partners in order to communicate successfully• are training intercultural communication with different global business partners from Europe, the USA, South-America and Asia			
<u>International Energy Law:</u> The students... <ul style="list-style-type: none">• are aware of the three different levels of law (hierarchy of law) as there are the international, European and national level• know the legal basis for international and European legal acts (Art. 288 Treaty of the Functioning of the European Union)• can explain why international and European regulations are strictly binding for the UN and European member states• are able to cite the legal scheme of laws and regulations relating to renewable energies on the international level (e.g. pre- and post-Kyoto process)• are able to name the main EU Regulations and Directives relating to energy law as well as their transformation into national laws, especially German law			
Assessment methods: written exams			
Room Schedule: TBA (to be announced)			

910200470: Renewable Energy Business in Asia

Hours/week: 2 SWS	ECTS-credits: 2,5 EC	Recommended prerequisites: 1 st to 4 th semester	Lecturer: Dr. Jes Villa
Objectives of the course/Learning outcome: By the end of the course, the students will have a fuller appreciation of the forces that have shaped the principal Asian countries, a deeper understanding of the economic differences between the major countries, and an insight into the distinguishing business characteristics of each nation.			
Assessment methods: proof of attendance (Teilnahmenachweis), written report (Studienarbeit)			
Room Schedule: TBA (to be announced)			

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911400150: Natural Resources Management

Hours/week: 2 SWS	ECTS-credits: 2,5 EC	Recommended prerequisites: open to all students	Lecturer: Dr. Teresa Schwarzkopf (Contact: Prof. Dr. Carsten Lorz)
<p>OVERVIEW</p> <p>This course is a tour through tropical forests, the most productive and diverse terrestrial ecosystem. The aim of this course is to provide students an overview about where they are, under what conditions they have developed as well as their significance. Several key subjects about tropical forests will be addressed, including diversity patterns and maintenance, ecosystem services and productivity. Tropical forests management, restoration and conservation will be at the core of the course. The impact of climate change as well as its significance on carbon sequestration processes will be discussed. Weekly lectures and seminars on specific topics will be carried out.</p> <p>OBJECTIVES</p> <ol style="list-style-type: none">1. Understand how geographic and climatic factors determine global distribution of tropical forests and how different forest types are the result of these factors.2. Understand the significance of tropical forests in terms of biodiversity and other ecosystem services.3. Learn about challenges and tradeoffs of use, protection, restoration and conservation of tropical forests.4. Develop skills towards critically reading scientific literature on the subject. <p>CONTENT</p> <ol style="list-style-type: none">1. Introduction2. Distribution and types3. Climate and soils. Scales and gradients4. Biodiversity patterns and hypotheses5. Biogeography and species interactions6. Forest structure, biomass and productivity7. Tropical mountain forests and treelines8. Succession and fragmentation9. Deforestation and selective logging10. Global change and human livelihoods11. Long term monitoring and knowledge gaps12. Use, reduced impact logging, restoration and conservation challenges <p>For questions please contact carsten.lorz@hswt.de</p>			
Assessment methods: work of study			
Room Schedule: TBA (to be announced)			

355182050 (MEE): Entrepreneurial Marketing (Master Level)

Hours/week: 4 SWS	ECTS-credits: 5 EC	Recommended prerequisites: background in basics of marketing	Lecturer: Prof. Dr. Markus Beinert
<p>Objectives of the course/Learning outcome: By the end of the course, the students will be able to</p> <ul style="list-style-type: none"> - apply the entrepreneurial approach of marketing (Entrepreneurial Marketing) in various forms in practice - apply methods for identifying market opportunities in practice - apply methods of ideation at the Fuzzy front end of innovation - assess, compare and integrate business models in the field of renewable energy and their various revenue structures - apply qualitative and quantitative statistical methods of market structuring / segmentation and the generation of customer / market knowledge - use mathematical methods to reliably estimate potentials - mathematically develop business cases and assess the influence of different market parameters in complex simulations (e.g. different take-rates / usage levels in different target segments, initial purchase / repurchase, etc.) - position innovative product and service concepts vis-à-vis the stakeholders, and develop and implement suitable concepts for products, pricing, distribution and communication - utilize the methods of brand management and controlling - apply concepts to build and maintain relationship networks, alliances and cooperative business relationships with key partners 			
Assessment methods: written exam			
Room Schedule: TBA (to be announced)			

355182060 (MEE): Job-oriented Communication (Master level)

Hours/week: 4 SWS	ECTS-credits: 5 EC	Recommended prerequisites: B2 English proficiency	Lecturer: Walter Strauss / Beverley Kubiak
<p>Learning outcome: After completing the module, students are able to:</p> <ul style="list-style-type: none"> - Understand and apply written and spoken English of high complexity in study and university-relevant situations as well as in professional contexts at level C1 of the European Framework of Reference - <p>Objectives of the course: Written Communication</p> <ul style="list-style-type: none"> - The ability to understand relevant written types of text in the foreign language (incl. their rules and the linguistic means) and independently apply/create such texts with a wide range linguistic means. - Development of learning strategies that serve the independent further development of the language skills of the students. <p>Job-oriented communication</p>			

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<ul style="list-style-type: none"> - The ability to understand the foreign language in written and spoken form in professional communication situations and to use it functionally and competently using a wide range of linguistic means - Development of learning strategies that serve the independent further development of the language skills of the students.
Assessment methods: written and oral exam
Room Schedule: TBA (to be announced)

ONLINE COURSES

911300370: Agricultural machinery costs calculation - MOOC (Massive Open Online Course)

Hours/week: 2 or 4 SWS	ECTS-credits: 2,5 or 5 EC	Recommended prerequisites: a basic knowledge in the field of agricultural sciences is required.	Lecturer: Prof. Ralf Schlauderer
<p>Objectives of the course</p> <p>The goal of the course is to provide the theoretical basis for decision-making in production and the subsequent illustration on specific practical examples. In this case, the course deals primarily with the issue of purchasing long-term means of production such as tractors. In the process, the question is addressed whether the long-term means of production should preferably be purchased or leased. With the example of such questions, the theoretical basics of economic decisions are illustrated and discussed. Subsequently the developed theoretical principles are applied to specific practical examples. The results are discussed and evaluated from the perspective of decision-makers. Additionally, the course is utilizing Moodle. For each module, there is time for questions and discussions in a virtual chat room scheduled, to which all users have access to.</p> <p>Learning outcome:</p> <ul style="list-style-type: none"> • To accurately define costs, to explain cost categories and to apply the terms to examples of agriculture • To define and apply machinery costs, procedural costs and comparative costs • To calculate and appropriately interpret the total costs per year and costs per unit of output such as tractors hours or hectares • To calculate the Minimum Extent of Utilization for machinery, equipment and typical agricultural means of production and to appropriately evaluate the results. <p>By submitting additional coursework and holding a final presentation, students may acquire up to 5 EC in total for this module.</p> <p>Contact person for registration and questions: Dr. Aristakesyan (aram.aristakesyan@hswt.de)</p>			
Assessment methods: Upon participating in the final examination (presence at the HSWT or at a partner universities required), participants receive a certificate			
Room Schedule: n/a			

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Agrarian production economics - MOOC (Massive Open Online Course)

Hours/week: 2 or 4 SWS	ECTS-credits: 2,5 or 5 EC	Recommended prerequisites: a basic knowledge in the field of agricultural sciences is required.	Lecturer: Prof. Ralf Schlauderer
<p>Objectives of the course</p> <ul style="list-style-type: none"> - to foster modern lecturing and teaching in universities - to make university knowledge online available for all interested groups of our societies <p>Course Content</p> <p>The goal of the course is to provide the theoretical basis for decision-making in agricultural production and the subsequent illustration on specific practical examples for crop production. In this case, the course deals primarily with the issue of short- and long-term costs calculation means of crop production such as winter wheat. In the process, the question is addressed whether the crop production short- and long-term is profitable or not. With the example of such questions, the theoretical basics of economic decisions are illustrated and discussed. Subsequently the developed theoretical principles are applied to specific practical examples. The results are discussed and evaluated from the perspective of decision-makers. Additionally, the course is utilizing Moodle. For each module, there is time for questions and discussions in a virtual chat room scheduled, to which all users have access to.</p> <p>By submitting additional coursework and holding a final presentation, students may acquire up to 5 EC in total for this module.</p> <p>Contact person for registration and questions: Dr. Aristakesyan (aram.aristakesyan@hswt.de)</p>			
Assessment methods: Upon participating in the final examination (presence at the HSWT or at a partner universities required), participants receive a certificate			
Room Schedule: n/a			

Language Centre
Sprachenzentrum

982000030: Technical English for Forest Engineers

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: Students with English knowledge on level B2	Lecturer: Stephanie Koch-Grimm
<p>Objectives of the course/Learning outcome:</p> <p>This course, which is held on *level B2 of the Common European Framework of References for Languages (CEFR)*, has the following objectives or learning outcomes:</p> <ul style="list-style-type: none"> • To increase knowledge of subject-related vocabulary (e.g. tree anatomy and physiology, describing different types of harvesting methods, forestry processes) • To improve reading skills on subject-related topics (e.g. biodiversity, wildlife habitat relationships) 			

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<ul style="list-style-type: none"> • To develop language skills such as summarizing information acquired from reading articles on forestry topics. • To improve English communicative competence (both written and spoken) by offering opportunities for discussion (on such topics as forest recreation) and written tasks (for example, opinion essay, describing a forestry process) • To practice listening to and watching authentic talks / lectures held in English (e.g. describing processes / activities in the forest) • To develop learning strategies, which enhance the students' own independent learning skills
Assessment methods: TBA (to be announced)
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihestephan.html

922000030: Technical English for Horticulturists

Hours/week: 2 SWS	ECTS-credits: 2,5	Target group: Students with English knowledge on level B2	Lecturer: TBA (to be announced)
<p>Objectives of the course/Learning outcome:</p> <ul style="list-style-type: none"> - Develop a broad understanding of technical terminology in horticulture - Ability to analyse difficult scientific texts - Ability to make a presentation in English <p>Course content:</p> <ul style="list-style-type: none"> - Edible Plants grown from seed - Soils and growing media - Plant nutrition - Plant propagation – generative - Plant propagation – vegetative and xenovegative - Aspects of plant physiology - Aspects of plant pathology – diseases - Aspects of plant pathology – pests - Aspects of plant pathology – abiotic - Intellectual property rights - Communication in business - Cultural techniques in horticulture 			
Assessment methods: written exam, 90 min, Presentation of a scientific paper			
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihestephan.html			

982000020: Technical English for Food Technologists

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: Students with English knowledge on level B2	Lecturer: Kristina Breith
<p>Objectives of the course/Learning outcome:</p> <ul style="list-style-type: none"> - technical terminology for food scientists - presentations of food subjects by students 			

Last Update: 25/05/2022

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<ul style="list-style-type: none"> - listening comprehension/ reading comprehension - summary writing - business and communication skills - brushing up grammar - discussion of food related topics, e.g. genetically modified food, slow food, food safety, packaging
Assessment methods: written exam 90 min, presentation, oral mark
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihenstephan.html

982000010: Technical English Brewing and Beverage Technology

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: Brewing and beverage technologists	Lecturer: C. McGreger
<p>Objectives of the course/Learning outcome: This course, which is held on *level B2 of the Common European Framework of References for Languages (CEFR)*, has the following objectives or learning outcomes:</p> <ul style="list-style-type: none"> - To increase knowledge of subject-related vocabulary - To improve reading skills on subject-related topics - To develop language skills such as summarizing information acquired from reading articles - To improve English communicative competence (both written and spoken) by offering opportunities for discussion and written tasks - To practice listening to and watching authentic talks / lectures held in English - To develop learning strategies, which enhance the students' own independent learning skills. 			
Assessment methods: TBA (to be announced)			
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihenstephan.html			

980500080 - English UNlcert[®] III – Intercultural Communication

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: Students with level B2 in English	Lecturer: Walter Strauß und Michael Schweighofer
<p>Learning Outcomes:</p> <ul style="list-style-type: none"> • The ability, in a general language context, to understand the foreign language in written and spoken form and to use the foreign language functionally and competently in a general language context, using a wide range of linguistic resources with a high degree of accuracy. • The development of cultural sensitivity and the ability to recognize intercultural problems in international contacts and to use strategies for constructive communication • To develop learning strategies that serve the independent development of students' language skills. <p>Course Content:</p> <ul style="list-style-type: none"> • Acquisition and development of language skills (listening comprehension, reading comprehension, speaking, writing, grammar, vocabulary) • Training of oral competence in preparation for dealing with regional studies and intercultural issues for a stay abroad (projects, case studies, role-plays, presentations, etc.) • Training of reading skills when dealing with sources in preparation for projects 			

Last Update: 25/05/2022

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Assessment methods: TBA (to be announced)
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihenstephan.html

980500060 - English UNIcert[®] III – Job-oriented language competence

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: Students with level B2 in English	Lecturer: Walter Strauß
<p>Learning Outcomes:</p> <ul style="list-style-type: none"> To be able to understand the foreign language in written and spoken form in professional communication situations and to use it functionally and competently with the largely correct use of a wide range of linguistic means. To develop learning strategies that serve the independent development of the student's language skills. <p>Course Content:</p> <ul style="list-style-type: none"> Acquisition and development of language skills (listening comprehension, reading comprehension, speaking, writing, grammar, vocabulary) Dealing with professional and study-oriented communication situations (presentations, job applications in the foreign language, etc.) 			
Assessment methods: TBA (to be announced)			
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihenstephan.html			

Foreign Language classes, various Levels (TBA)

Hours/week: 2 SWS	ECTS-credits: 3 EC	Target group: TBA (to be announced)	Lecturer: TBA (to be announced)
<p>The following language courses/levels are available:</p> <p>UNIcert courses:</p> <ul style="list-style-type: none"> - English (up to C1) - Spanish (up to B2) - French (up to B2) - Italian (up to A2) - Russian (up to A2) <p>General language courses:</p> <ul style="list-style-type: none"> - Chinese (up to A2) - Dutch (up to A2) <p>Please note:</p> <p><i>To join courses, students will have to complete an assessment test (not applicable for beginners courses)</i></p> <p><i>Language classes can only take place if there is a sufficient number of interested students</i></p>			

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Assessment methods: exam
Room Schedule: https://www.hswt.de/en/about-us/central-facilities/language-centre/courses-at-weihenstephan.html

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