COURSES IN ENGLISH - Weihenstephan Campus

WINTER TERM 2020/21*

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

<table>
<thead>
<tr>
<th>DEPARTMENT OF BIOENGINEERING SCIENCES</th>
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</thead>
<tbody>
<tr>
<td>BBM 130  Process Engineering (Master level)</td>
<td>4 SWS / 6 EC</td>
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<table>
<thead>
<tr>
<th>DEPARTMENT OF HORTICULTURE AND FOOD TECHNOLOGY</th>
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<tbody>
<tr>
<td>Project Work - Horticultural Research</td>
<td>max. 30 EC</td>
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<tr>
<td>Project Work - Food Technology Research</td>
<td>max. 30 EC</td>
</tr>
<tr>
<td>911600790  Plant Proteins</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>922000040  Technical English for Food Technologists</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>922000030  Technical English for Horticulturists</td>
<td>2 SWS / 3 EC</td>
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<table>
<thead>
<tr>
<th>DEPARTMENT OF LANDSCAPE ARCHITECTURE</th>
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<tbody>
<tr>
<td>251143030  Planning and Design 3</td>
<td>7 SWS / 10 EC</td>
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<tr>
<td>251147X10  Advanced Planning and Design 2</td>
<td>7 SWS / 10 EC</td>
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<tr>
<td>Elective Modules</td>
<td>2 - 4 SWS / 2,5 - 5 EC</td>
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<tr>
<td>Modules Master of Landscape Architecture</td>
<td>2 - 8 SWS / 2,5 - 10 EC</td>
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<table>
<thead>
<tr>
<th>DEPARTMENT OF SUSTAINABLE AGRICULTURE AND ENERGY SYSTEMS</th>
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</thead>
<tbody>
<tr>
<td>910900080  International Marketing</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>234127310  Intercultural communication / International Energy Law</td>
<td>4 SWS / 5 EC</td>
</tr>
</tbody>
</table>

*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](https://www.hswt.de/en/programmes-and-projects.html)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SWS / EC</th>
</tr>
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<tbody>
<tr>
<td>910200470</td>
<td>Renewable Energy Business in Asia</td>
<td>2 SWS / 2.5 EC</td>
</tr>
<tr>
<td>912000020</td>
<td>Technical English for Agriculturists I</td>
<td>2 SWS / 3 EC</td>
</tr>
</tbody>
</table>

**DEPARTMENT OF FORESTRY**

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>911400150</td>
<td>Natural Resources Management: Use and Protection of Tropical Forests</td>
<td>2 SWS / 2.5 EC</td>
</tr>
<tr>
<td>922000070</td>
<td>Technical English for Forest Engineers</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>355182050</td>
<td>Entrepreneurial Marketing (Master level)</td>
<td>4 SWS / 5 EC</td>
</tr>
<tr>
<td>355182060</td>
<td>Job-oriented Communication (Master level)</td>
<td>4 SWS / 5 EC</td>
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</tbody>
</table>

**ONLINE COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SWS / EC</th>
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</thead>
<tbody>
<tr>
<td>911300370</td>
<td>Agricultural machinery costs calculation - MOOC (Massive Open Online Course)</td>
<td>2-4 SWS / 2.5-5 EC</td>
</tr>
<tr>
<td>n.n.</td>
<td>Agrarian production economics - MOOC (Massive Open Online Course)</td>
<td>2-4 SWS / 2.5-5 EC</td>
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</table>

**LANGUAGE CLASSES**

<table>
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<tr>
<td>922000050</td>
<td>Technical English for Brewing and Beverage Technologists</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>912000020</td>
<td>Technical English for Agriculturists I</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td>810500030</td>
<td>English for Specific Purposes</td>
<td>4 SWS / 5 EC</td>
</tr>
<tr>
<td></td>
<td>German as a Foreign Language (various levels)</td>
<td>2 SWS / 3 EC</td>
</tr>
<tr>
<td></td>
<td>Foreign Language Classes: English, French, Spanish, Italian, Russian, Chinese (various levels)</td>
<td>2 SWS / 3 EC</td>
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[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: martina.dietrich@hswt.de

*Course offerings are preliminary and may be subject to change.
For an up-to-date timetable please check online: [https://www.hswt.de/en/programmes-and-projects.html](https://www.hswt.de/en/programmes-and-projects.html)
## BBM 130: Process Engineering (Master Level)

<table>
<thead>
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<th>Hours/week:</th>
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<th>Recommended prerequisites:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>4 SWS</td>
<td>6 EC</td>
<td>knowledge of unit operations, biotechnology, measurement and control technology, process automation</td>
<td>Prof. Millitzer</td>
</tr>
</tbody>
</table>

### Learning outcome:
When you have completed this course, you should:
- 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 construction 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

### Content:
- Introduction
- Feasibility Study
- Process Development
- Conceptual Design
- Basic Design
- Detail Design
- Project Execution
- Construction
- Commissioning
- Contracts
- Validation and Qualification

### Literature:
- hand book and exercises for course „Process Engineering“

### English Textbooks:

### Assessment methods:
written examination; 90 min

### Room Schedule:
tba (to be announced)

last update: 31.03.2020
Department of Horticulture and Food Technology
Fakultät Gartenbau und Lebensmitteltechnologie

**Project Work - Horticultural Research**

<table>
<thead>
<tr>
<th>Hours/week: up to 40 hrs/week</th>
<th>ECTS-credits: 5-30 EC</th>
<th>Recommended prerequisites: Background in Horticulture or similar field</th>
</tr>
</thead>
</table>

Lecturer:
Prof. Dr. Dominikus Kittemann; Prof. Dr. Elke Meinken; Prof. Dr. Heike Mempel

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.

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.

Research topics vary and interested students should inquire about current ongoing research projects before sending their application 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.

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.

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.

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.

Assessment methods: research paper

**Project Work - Food Technology Research**

<table>
<thead>
<tr>
<th>Hours/week: up to 40 hrs/week</th>
<th>ECTS-credits: 5-30 EC</th>
<th>Recommended prerequisites: Background in Food Technology or similar field</th>
</tr>
</thead>
</table>

Lecturer:
Prof. Dr. Heike Mempel; Prof. Dr. Özlem Özmütlu-Karslioglu

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.

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.

Research topics vary and interested students should inquire about current ongoing research projects before sending their application 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.

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.

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.
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.

Assessment methods: research paper

### 911600790 Plant Proteins

<table>
<thead>
<tr>
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<th>Recommended prerequisites:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>2 SWS</td>
<td>3 EC</td>
<td>tba.</td>
<td>Prof. Dr. Özmutlu-Karslioglu</td>
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</table>

Objectives of the course/Learning outcome:

Students get a good overall view of the properties and application of plant proteins in food industry.

Students will learn:
- 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

Furthermore, they will have an excellent command of the technical language used in English.

Assessment methods: Project work and presentation

Room Schedule: tba

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### 251143030: Planning and Design

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<tbody>
<tr>
<td>7 SWS</td>
<td>10 EC</td>
<td>for students with background in Landscape Architecture</td>
<td>Prof. Dr. Christian Huber</td>
</tr>
</tbody>
</table>

Please note: this course cannot be combined with the course "Advanced Planning and Design"

This module is a 3rd semester module and consists of 3 parts.

**Project Work - Content:**

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:
- Analysing 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
- Analysing 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

**Aim**
- To create up-to-date landscape planning maps and a commentary using digital media (practical use of MS Office, CAD and GIS)

The main component of the 'Landscape and Land Use Planning' module is the practical project work (six credits in the course organised 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.
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 organise and work on their projects independently.

**Assessment methods:** tba

**Room Schedule:** tba

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

<table>
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<tr>
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<tbody>
<tr>
<td>7 SWS</td>
<td>10 EC</td>
<td>for students with advanced knowledge in Landscape Architecture</td>
<td>tba</td>
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*Please note: this course cannot be combined with the course “Planning and Design 3”*

This module is a 7th semester module.

In this advanced Landscape Architecture course students will choose between:

1) Planning & Design in Free Space Planning (module code: 251147110)
2) Planning & Design in Landscape Planning (module code: 251147210)
3) Planning & Design in Urban Planning (module code: 251147310)

*Further details to be announced*

**Assessment methods:** tba

**Room Schedule:** tba

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### Electives Modules

<table>
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<tr>
<th>Hours/week:</th>
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<tbody>
<tr>
<td>2 - 4 SWS</td>
<td>2.5 - 5 EC</td>
<td>Students with background in Landscape Architecture</td>
<td>tba</td>
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</table>

A number of English-taught elective modules is offered by the Landscape Architecture department every semester, often including excursions and project work.

A list of offered electives is usually available at the end of July/beginning of August for the next winter term.

Electives offered during the previous winter term give an overview of the modules that are likely to be offered in the winter term of 2020/21:

1) **910400110 Designing Urban Patterns (Prof. Stock-Gruber, Prof. Jensen) 5 EC / 4 SWS**
   - The students will learn the theory and methodology of planning.
   - They will gain experience of creating designs at the level of detail required for town planning.
   - This module provides good training for designing urban or outside spaces.
   - Social and personal competencies: Project work is conducted in groups. This allows students to build up their teamwork skills.

2) **911500260: Public Space - 3D Modelling (Prof. Rossipal-Seifert) 5 EC / 4 SWS**
   This module takes place in cooperation with a university in Sankt Petersburg and includes an excursion (fees apply) to Russia. Registration is required by July for visa and travel arrangements etc.
3) 912100130: Practical Business Management (Prof. Dr. Cristina Lenz) 5 EC / 4 SWS
- understand the requirements of modern leadership and learn to apply "situational leadership" through sample situations.
- be able differentiate varying leadership styles such as "directive" and "laissez-faire".
- be aware of corporate structures and adapted leadership styles.
- know the prerequisites and necessities for starting a business, know about the modalities regarding the financing, staffing, structuring and acquisition.

4) 910300110: Climate Change and Ecosystem Services (Prof. Drösler) 2,5 EC / 2 SWS
- Insight in the up to date topics of climate change
- Knowledge about the effects of climate change on ecosystems and their components
- Evaluation of options for adaption to and mitigation of climate change via ecosystem management
- Overview of the political framework, programs and instruments (UNFCCC, Kyoto, NIR, REDD, etc.)

5) Individual Project
- After consultation with our professors, it is also be possible to do an individual project, either alone or in a small group with other students. You may propose an idea in your field of interest, participate in a competition or ask for a suggestion of the department.

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further options and details on electives to be announced

Assessment methods: tba
Room Schedule: tba
**910900080: International Marketing (SU) FWPM**

**Hours/week:** 2 SWS  
**ECTS-credits:** 3 EC  
**Recommended prerequisites:** Students with basics in Marketing  
**Lecturer:** Malte Anselm Beyer

**Objectives of the course/Learning outcome:**
This course will develop practical competences for expansion into international markets and coordination of the activities:  
- 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.

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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  
**Lecturer:** Prof. Dr. Tanja Barton

**Objectives of the course/Learning outcome:**

**Intercultural Communication:**  
The students…  
- 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

**International Energy Law:**  
The students…  
- 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.

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**910200470: Renewable Energy Business in Asia**

**Hours/week:** 2 SWS  
**ECTS-credits:** 2.5 EC  
**Recommended prerequisites:** 1st to 4th 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.
911400150: Natural Resources Management

**Overview**
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.

**Objectives**
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.

**Content**
1. Introduction
2. Distribution and types
3. Climate and soils. Scales and gradients
4. Biodiversity patterns and hypotheses
5. Biogeography and species interactions
6. Forest structure, biomass and productivity
7. Tropical mountain forests and tree lines
8. Succession and fragmentation
9. Deforestation and selective logging
10. Global change and human livelihoods
11. Long term monitoring and knowledge gaps
12. Use, reduced impact logging, restoration and conservation challenges

For questions please contact carsten.lorz@hswt.de

**Assessment Methods:** work of study

**Room Schedule:** tba.

355182050 (MEE): Entrepreneurial Marketing (Master level)

**Objectives of the course/Learning outcome:**
By the end of the course, the students will be able to
- 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.

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

<table>
<thead>
<tr>
<th>Hours/week: 4 SWS</th>
<th>ECTS-credits: 5 EC</th>
<th>Recommended prerequisites: B2 English proficiency</th>
<th>Lecturer: Walter Strauss / Beverley Kubiak</th>
</tr>
</thead>
</table>

**Learning outcome:**
After completing the module, students are able to:
- 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

**Objectives of the course:**

**Written Communication**
- 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 of linguistic means.
- Development of learning strategies that serve the independent further development of the language skills of the students.

**Job-oriented communication**
- 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.

ONLINE COURSES

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

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<thead>
<tr>
<th>Hours/week: 2 or 4 SWS</th>
<th>ECTS-credits: 2,5 or 5 EC</th>
<th>Recommended prerequisites: a basic knowledge in the field of agricultural sciences is required</th>
<th>Lecturer: Prof. Ralf Schlauderer</th>
</tr>
</thead>
</table>

**Objectives of the course**
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.

Learning outcome:
- 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.

By submitting additional coursework and holding a final presentation, students may acquire up to 5 EC in total for this module.

Contact person for registration and questions: Dr. Aristakesyan (aram.aristakesyan@hswt.de)

Assessment methods: If participating in the final examination (presence at the HSWT or at a partner universities required) participants receive a certificate

Room Schedule: n/a

<table>
<thead>
<tr>
<th>Agrarian production economics - MOOC (Massive Open Online Course)</th>
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<tbody>
<tr>
<td><strong>Hours/week:</strong> 2 or 4 SWS</td>
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</table>

Objectives of the course
- to foster modern lecturing and teaching in universities
- to make university knowledge online available for all interested groups of our societies

Course Content
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.

By submitting additional coursework and holding a final presentation, students may acquire up to 5 EC in total for this module.

Contact person for registration and questions: Dr. Aristakesyan (aram.aristakesyan@hswt.de)

Assessment methods: If participating in the final examination (presence at the HSWT or at a partner universities required) participants receive a certificate

Room Schedule: n/a
922000070: Technical English for Forest Engineers

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<th>Hours/week:</th>
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<th>Target group:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>2 SWS</td>
<td>3</td>
<td>Students with English knowledge on level B2</td>
<td>Stephanie Koch-Grimm</td>
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</tbody>
</table>

**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:

- 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)
- 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


922000030: Technical English for Horticulturists

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<td>3</td>
<td>Students with English knowledge on level B2</td>
<td>tba</td>
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**Objectives of the course/Learning outcome:**

- Develop a broad understanding of technical terminology in horticulture
- Ability to analyse difficult scientific texts
- Ability to make a presentation in English

**Course content:**

- Edible Plants grown from seed
- Soils and growing media
- Plant nutrition
- Plant propagation – generative
- Plant propagation – vegetative and xenovegetative
- 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


912000020: Technical English for Food Technologists

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<tbody>
<tr>
<td>2 SWS</td>
<td>3 EC</td>
<td>Students with English knowledge on level B2</td>
<td>Kristina Breith</td>
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</tbody>
</table>

**Objectives of the course/Learning outcome:**

- Develop a broad understanding of technical terminology in food technology
- Ability to analyse difficult scientific texts
- Ability to make a presentation in English

**Course content:**

- Food processing
- Food chemistry
- Food microbiology
- Food law and regulations
- Food quality and safety
- Food processing technologies
- Food packaging
- Food distribution
- Food marketing

**Assessment methods:**


*last update: 31.03.2020*
Objectives of the course/Learning outcome:
- technical terminology for food scientists
- presentations of food subjects by students
- 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.


922000050: Technical English Brewing and Beverage Technology

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:
- 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


912000020: Technical English for Agriculturists I

Objectives of the course/Learning outcome:
- subject-related vocabulary (e.g. describing different types of farming, farming equipment and processes)
- reading exercises on subject-related topics (e.g. animal husbandry, crop cultivation, organic farming methods, agribusiness, etc.)
- exercises to improve English communicative competence (both written and spoken) by offering opportunities for discussion (on such topics as animal husbandry, biotechnology in agriculture) and short written tasks (e.g. key agriculturists of the past, farm internship/work placement application abroad, CV in English)
- development of language skills such as note-taking and summarizing information acquired from reading short articles on agricultural topics
- training in the skill of listening to study-related lectures in English (video-clips/podcasts)

Assessment methods: tba


810500030 English for Specific Purposes

Objectives of the course/Learning outcome:

810500030 English for Specific Purposes is an advanced English course on C1 level (Unicert III)
- The ability to understand the foreign language in professional contexts in written and spoken language and to apply it largely correctly in a wide range of linguistic means.

- Development of learning strategies that support the self-development of language skills of students.

Assessment methods: seminar


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**German as a Foreign Language, various Levels (tba)**

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**Objectives of the course/Learning outcome:**

- The ability to handle everyday situations as well as initial study- and job-related communication situations of difficulty in the foreign language in written and spoken forms of communication.

- Cultural knowledge of the country of the foreign language and perception of intercultural differences.

- Development of learning strategies that serve to develop students' language skills.

**Please note:** Language classes can only take place if there is a sufficient number of interested students

Assessment methods: exam


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**Foreign Language classes, various Levels (tba)**

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The following language courses/levels are available:

**UNIcert courses:**

- English (up to C1)
- Spanish (up to B2)
- French (up to B2)
- Italian (up to A2)
- Russian (up to A2)

**General language courses:**

- Chinese (up to A2)
- Dutch (up to A2)

**Please note:**

To join courses, students will have to complete an assessment test (not applicable for beginners courses)

Language classes can only take place if there is a sufficient number of interested students

Assessment methods: exam


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*last update: 31.03.2020*