COURSES IN ENGLISH - Weihenstephan Campus

WINTER TERM 2019/20*

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

<table>
<thead>
<tr>
<th>DEPARTMENT OF BIOENGINEERING SCIENCES</th>
<th>COURSES</th>
<th>SWS / EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBM 130 Process Engineering (Master level)</td>
<td>4 SWS / 6 EC</td>
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</tbody>
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<table>
<thead>
<tr>
<th>DEPARTMENT OF HORTICULTURE AND FOOD TECHNOLOGY</th>
<th>COURSES</th>
<th>SWS / EC</th>
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</thead>
<tbody>
<tr>
<td>n.n. Project Work - Horticultural Research</td>
<td>max. 30 EC</td>
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<tr>
<td>n.n. Project Work - Food Technology Research</td>
<td>max. 30 EC</td>
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<tr>
<td>n.n. Plant Proteins</td>
<td>2 SWS / 3 EC</td>
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<thead>
<tr>
<th>DEPARTMENT OF LANDSCAPE ARCHITECTURE</th>
<th>COURSES</th>
<th>SWS / EC</th>
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<tbody>
<tr>
<td>910300110 Climate Change and Ecosystem Services</td>
<td>2 SWS / 2,5 EC</td>
<td></td>
</tr>
<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>
<td></td>
</tr>
<tr>
<td>910400110 Designing Urban Patterns</td>
<td>4 SWS / 5 EC</td>
<td></td>
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<tr>
<td>(to be confirmed)</td>
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<td></td>
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<tr>
<td>911500260 Public Space - 3 D Modelling</td>
<td>4 SWS / 5 EC</td>
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<tr>
<td>(to be confirmed)</td>
<td></td>
<td></td>
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<tr>
<td>912100130 Practical Business Management</td>
<td>4 SWS / 5 EC</td>
<td></td>
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<td>(to be confirmed)</td>
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*Course offerings are preliminary and may be subject to change.
Status: 02.09.2019
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)
DEPARTMENT OF SUSTAINABLE AGRICULTURE AND ENERGY SYSTEMS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>ECTS</th>
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<tbody>
<tr>
<td>910900140</td>
<td>International Marketing</td>
<td>2 SWS / 2,5 EC</td>
</tr>
<tr>
<td>234127310</td>
<td>Intercultural communication / International Energy Law</td>
<td>4 SWS / 5 EC</td>
</tr>
<tr>
<td>910200470</td>
<td>Renewable Energy Business in Asia</td>
<td>2 SWS / 2,5 EC</td>
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</tbody>
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DEPARTMENT OF FORESTRY

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<tr>
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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>355182050</td>
<td>Entrepreneurial Marketing (Master level)</td>
<td>4 SWS / 5 EC</td>
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ONLINE COURSE

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>ECTS</th>
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</thead>
<tbody>
<tr>
<td>911300370</td>
<td>International Agrimanagement - MOOC</td>
<td>2 SWS / 2,5 EC</td>
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LANGUAGE CLASSES

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>ECTS</th>
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</thead>
<tbody>
<tr>
<td>922000070</td>
<td>Technical English for Forest Engineers</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td>922000030</td>
<td>Technical English for Horticulturists</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td>922000040</td>
<td>Technical English for Food Technologists</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td>922000050</td>
<td>Technical English for Brewing and Beverage Technologists</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td>912000020</td>
<td>Technical English for Agriculturists I</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td>810500030</td>
<td>English for Specific Purposes</td>
<td>2 SWS / 2,5 (3) EC</td>
</tr>
<tr>
<td></td>
<td>German as a Foreign Language (various levels)</td>
<td>2 SWS / 2,5 (3) EC</td>
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<tr>
<td></td>
<td>Foreign Language Classes:</td>
<td>2 SWS / 2,5 (3) EC</td>
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<tr>
<td></td>
<td>English, French, Spanish, Italian, Russian, Chinese (various levels)</td>
<td>2 SWS / 2,5 (3) EC</td>
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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

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### COURSE DESCRIPTIONS

Department of Bioengineering Sciences  
*Fakultät Bioingenieurwissenschaften*

**BBM 130: Process Engineering (Master Level)**

| Hours/week: 4 SWS | ECTS-credits: 6 | Recommended prerequisites: knowledge of unit operations, biotechnology, measurement and control technology, process automation | Lecturer: Prof. Millitzer |

**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)
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 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

| 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 Özmütu-Karslıoğlu |

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.
Plant Proteins

Hours/week: 2 SWS
ECTS-credits: 3 EC
Recommended prerequisites: tba.
Lecturer: Prof. Dr. Özmutlu-Karslioglu

Assessment methods: research paper
Room Schedule: tba

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.

810500030 English for Specific Purposes

Hours/week: 4 SWS
ECTS-credits: 5 EC
Recommended prerequisites: B2 level English
Lecturer: tba.

Assessment methods: tba.
Room Schedule: tba

Objectives of the course/Learning outcome:
- The ability to understand the foreign language in subject-specific and professional contexts and apply it, largely correctly, in written and spoken language while using a wide range of linguistic means.
- Development of learning strategies that support the self-development of language skills of students

Department of Landscape Architecture
Fakultät Landschaftsarchitektur

910300110: Climate Change and Ecosystem Services

Hours/week: 2 SWS
ECTS-credits: 2,5
Recommended prerequisites: tba
Lecturer: Prof. Drösler

Assessment methods: tba
Room Schedule: tba / Institut für Landespflege und Botanik, Emil Ramann Str. 6, Room U1

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For an up-to-date timetable please check online: https://www.hswt.de/en/programmes-and-projects.html
### 251143030: Planning and Design

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<th>Recommended prerequisites:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>7 SWS</td>
<td>10</td>
<td>for students with background in Landscape Architecture</td>
<td>tba</td>
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This module is a 3rd semester module and consists of 3 parts. For detailed information please click [here](#).

**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.

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

**Assessment methods:** tba

**Room Schedule:** tba

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

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<th>Hours/week:</th>
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<tbody>
<tr>
<td>7 SWS</td>
<td>10</td>
<td>for students with advanced knowledge in Landscape Architecture</td>
<td>tba</td>
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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)

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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)

Status: 02.09.2019
2) Planning & Design in Landscape Planning (module code: 251147210)
3) Planning & Design in Urban Planning (module code: 251147310)

*Course offerings are preliminary and may be subject to change.

Please note: this course cannot be combined with the course “Planning and Design 3”

Assessment methods: tba
Room Schedule: tba

**910400110: Designing Urban Patterns** (to be confirmed)

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<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Recommended prerequisites:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>4 SWS</td>
<td>5</td>
<td>Students with background in Landscape Architecture</td>
<td>Prof. Stock-Gruber/Prof. Jensen</td>
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</table>

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

**Methodological competencies:**
- The students will learn the theory and methodology of planning.
- As part of this, they will gain experience of creating designs at the level of detail required for town planning.

**Interdisciplinary competencies:**
- 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.

Assessment methods: Student research project
Room Schedule: tba

**911500260: Public Space - 3 D Modelling** (to be confirmed)

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.

Please contact us, if you are interested.

Assessment methods: tba.
Room Schedule: tba

**912100130: Practical Business Management** (to be confirmed)

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<tr>
<td>4 SWS</td>
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<td>Prof. Dr. Cristina Lenz</td>
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**Objectives of the course/Learning outcome:**

After attending the course, students will:
- understand the requirements of modern leadership and learn to apply "situational leadership" on the basis of rent 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.
– understand the challenges of corporate transfers (within the family and in relation to external partners) and able to set the essential parameters for it.
– have practiced leadership talks in different situations (e.g. personnel recruitment, target agreement discussions, feedback talks, critique talks, bank talks, strategy talks, coordination within the management, negotiations with customers, suppliers and subcontractors, etc.)

Assessment methods: tba.
Room Schedule: tba

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

910900140: International Marketing (SU) FWPM

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<thead>
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<th>Hours/week:</th>
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<tbody>
<tr>
<td>2 SWS</td>
<td>2,5</td>
<td>Students with basics in Marketing</td>
<td>Malte Anselm Beyer</td>
</tr>
</tbody>
</table>

**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.

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

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<tr>
<th>Hours/week:</th>
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<tbody>
<tr>
<td>4 SWS</td>
<td>5</td>
<td>tba</td>
<td>Prof. Dr. Tanja Barton</td>
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</table>

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

**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

**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

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910200470: Renewable Energy Business in Asia

**Hours/week:** 2 SWS  
**ECTS-credits:** 2.5  
**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:** Wednesdays, 2-4 pm, D1.301

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911400150: Natural Resources Management

**Hours/week:** 2 SWS  
**ECTS-credits:** 2.5  
**Recommended prerequisites:** open to all students  
**Lecturer:** Dr. Teresa Schwarzkopf (contact: Prof. Dr. Carsten Lorz)

**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 treelines

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>8.</td>
<td>Succession and fragmentation</td>
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<td>9.</td>
<td>Deforestation and selective logging</td>
</tr>
<tr>
<td>10.</td>
<td>Global change and human livelihoods</td>
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<tr>
<td>11.</td>
<td>Long term monitoring and knowledge gaps</td>
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<td>12.</td>
<td>Use, reduced impact logging, restoration and conservation challenges</td>
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For questions please contact carsten.lorz@hswt.de

**Assessment methods:** work of study

**Room Schedule:** tba.

### 355182050: Entrepreneurial Marketing (Master level)

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<tbody>
<tr>
<td>4 SWS</td>
<td>5</td>
<td>background in basics of marketing</td>
<td>Prof. Dr. Markus Beinert</td>
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**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 exams

**Room Schedule:** tba

### ONLINE COURSE

### 911300370: International Agrimanagement - MOOC (Massive Open Online Course)

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<th>Lecturer:</th>
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<tbody>
<tr>
<td>2 SWS</td>
<td>2.5</td>
<td>a basic knowledge in the field of agricultural sciences (all disciplines) is required.</td>
<td>Prof. Ralf Schlauderer</td>
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**Objectives of the course**

The goal of the course is to provide the theoretical basis for decision-making in production and the subsequent

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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 typical 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.

**Registration:**
http://ima.hswt.de/en/intern

**Assessment methods:** If participating in the final examination (presence at the HSWT or in the partner universities required) participants will receive a certificate of attendance and certificate for 2.5 ECP (European Credit Points).

**Room Schedule:** individual

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**912000020: Technical English for Agriculturists I**

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>2 SWS</th>
<th>ECTS-credits:</th>
<th>2,5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target group:</td>
<td>Students LM with English knowledge on level B2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecturer:</td>
<td>Elizabeth Hamzi-Schmidt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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


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**922000050: Technical English Brewing and Beverage Technology**

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>2 SWS</th>
<th>ECTS-credits:</th>
<th>2,5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target group:</td>
<td>Brewing and beverage technologists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecturer:</td>
<td>C. McGreger</td>
<td></td>
<td></td>
</tr>
</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

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*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)
(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.

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.


**912000020: Technical English for Food Technologists**

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Target group:</th>
<th>Lecturer:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 SWS</td>
<td>2,5</td>
<td>Students LM with English knowledge on level B2</td>
<td>Kristina Breith</td>
</tr>
</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


**922000070: Technical English for Forest Engineers**

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Target group:</th>
<th>Lecturer:</th>
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<tbody>
<tr>
<td>2 SWS</td>
<td>2,5</td>
<td>Department Forestry</td>
<td>Stephanie Koch-Grimm</td>
</tr>
</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


*Course offerings are preliminary and may be subject to change.  
Status: 02.09.2019
For an up-to-date timetable please check online: https://www.hswt.de/en/programmes-and-projects.html
### 922000030: Technical English for Horticulturists

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Target group:</th>
<th>Lecturer:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 SWS</td>
<td>2.5</td>
<td>Students with English knowledge on level B2</td>
<td>tba</td>
</tr>
</tbody>
</table>

**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 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


### 810500030 English for Specific Purposes

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Target group:</th>
<th>Lecturer:</th>
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</thead>
<tbody>
<tr>
<td>4 SWS</td>
<td>5.0</td>
<td>Students with English knowledge on level B2</td>
<td>tba</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>ECTS-credits:</th>
<th>Target group:</th>
<th>Lecturer:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 SWS</td>
<td>2.5</td>
<td>tba</td>
<td>tba</td>
</tr>
</tbody>
</table>

**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


*Course offerings are preliminary and may be subject to change.  
Status: 02.09.2019  
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)
Foreign Language classes, various Levels (tba)

<table>
<thead>
<tr>
<th>Hours/week:</th>
<th>2 SWS</th>
<th>ECTS-credits:</th>
<th>2.5-3 EC</th>
<th>Target group:</th>
<th>tba</th>
<th>Lecturer:</th>
<th>tba</th>
</tr>
</thead>
</table>

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

**Assessment methods:** exam