



STUDENT INFORMATION

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## STUDENT INFORMATION

1a

### Information about the natural sciences degree programs

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Anyone interested can obtain detailed information about the natural science Bachelor's and Master's degree programs at the University of Hohenheim and clarify their individual questions.

**Faculty of Agricultural Science**

1a

### Information about the agricultural sciences degree programs

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Anyone interested can obtain detailed information about the agricultural science Bachelor's and Master's degree programs at the University of Hohenheim and clarify their individual questions.

**Faculty of Agricultural Sciences**

1a

### Information about the business, economics and social science programs

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Anyone interested can obtain detailed information about the business, economics, and social science Bachelor's and Master's degree programs at the University of Hohenheim and clarify their individual questions. The Faculty of Business, Economics and Social Sciences offers presentations on the individual degree programs.

**Faculty of Business, Economics and Social Sciences**

1a

### The Office of International Affairs introduces itself

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Anyone interested can get detailed information about student mobility and the Language Center.

**Office of International Affairs**

1a

### Information for prospective students

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Prospective students can gain an overview of the diverse study options at the University of Hohenheim.

**Central Student Counselling Center**

1a

## Research-based learning with Humboldt reloaded

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Learn about research, immerse yourself in a topic, and test your abilities in research practice – all these opportunities are available to Bachelor's and Master's students in the context of Humboldt reloaded research projects. Learn about the research-based learning approach, results of student research projects, and participate in an experiment yourself.

**Humboldt reloaded**

1a

## Career orientation & specializing in your studies

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Students and graduates are given detailed advice on their individual career orientation, specialization, and applying for jobs.

**CareerCenter Hohenheim**

2

## Presentation: Studying at the University of Hohenheim

12:30 p.m. » Palace, West wing, ground floor, lecture hall 4

During the lecture, prospective students will be given an overview of the diverse study options at the University of Hohenheim. In addition, the audience will learn all they need or might want to know about studying at the University of Hohenheim.

**Student Counselling Center (ZSB)**

In German

2

## Presentation: Applying to study at the University of Hohenheim

1:30 p.m. » Palace, West wing, ground floor, lecture hall 4

The lecture will discuss important aspects of the application procedure (university entrance qualification, dialog-oriented service procedure, required documents, special applications, deadlines, etc.) with a focus on applications for Bachelor's degrees. Participants can ask questions.

**Registrar's Office**

In German

2

## Presentation: International Business & Economics – Information & Impressions

1:30 p.m. » Palace, West wing, ground floor, lecture hall 5

This English presentation gives a brief insight into the Innovation Management lecture and introduces the International Business & Economics degree program.

**Department of Innovation Management**

2

## Presentation: Choosing a course of study – How do I find the right degree program?

2:30 p.m. » Palace, West wing, ground floor, lecture hall 4

Prospective students learn how they can find the right degree program for them from the multitude of study options.

**Student Counselling Center (ZSB)**

In German

2

## Presentation: Digitalization, AI, ChatGPT and others: An insight into the Information Systems and Digital Business Management Bachelor's programs

2:30 p.m. » Palace, West wing, ground floor, lecture hall 5

This lecture provides a fascinating insight into our Bachelor's degree programs in Information Systems and Digital Business Management. In a world shaped by digitalization, artificial intelligence, and innovative technologies, these degree programs are more important than ever for the future of business.

**Department of Digital Management / Department of Information Systems**

In German

2

## How do we get enough biomass for a sustainable bioeconomy?

3:00 p.m. » Palace, West wing, upper floor, lecture hall 1

The three dimensions of sustainable development – economy, society, and the environment – are competing for biomass as a resource. This means that the transformation to a sustainable bioeconomy can also lead to conflicting goals between these dimensions. This taster lecture will provide insight into potential trade-offs and ways in which we can provide enough biomass for a sustainable bioeconomy.

**Department of Bioeconomy**

In German

2

In German

## Presentation: University of Hohenheim's Bachelor's degree program in Business Administration and Economics: Solid foundations, flexible options for individualized studies

3:30 p.m. » Palace, West wing, ground floor, lecture hall 4

The lecture provides an insight into the Bachelor's degree program in Business Administration and Economics at the University of Hohenheim. This degree program offers not only a solid foundation, but also unique flexibility for individual specialization in sub-disciplines.

**Faculty of Business, Economics and Social Sciences**

2

In German

## Presentation: Better than ever – the restructured Master's program in Management introduces itself

3:30 p.m. » Palace, West wing, ground floor, lecture hall 5

Under the motto "Better than ever", this lecture introduces the restructured Management Master's program.

**Department of Business Administration: Marketing & Business Development**

2

In German

## Presentation: Business administration and economics with a focus on sustainability: An insight into the Sustainability & Change degree program

4:30 p.m. » Palace, West wing, ground floor, lecture hall 4

The lecture provides an insight into an innovative degree program that deals with one of the most pressing issues of our time: sustainability. The "Sustainability & Change" degree program combines the fundamentals of economics with a strong focus on ecological, social, and economic sustainability.

**Department of Sustainable Development and Change**

2

In German

## Presentation: Something to do with media? The Communication Science Bachelor's program

4:30 p.m. » Palace, West wing, ground floor, lecture hall 5

This lecture gives an exciting insight into our Bachelor's degree program in Communication Science. Under the motto "Something to do with media?", we offer the opportunity to explore the diverse and fascinating world of media from an academic perspective.

**Faculty of Business, Economics and Social Sciences**

25

In German

## Presentation: The Taste of Science – Information about studying

3:00 p.m. » Heinrich-Pabst-Str. 3, 1st floor, lecture hall 26

The Taste of Science: Discover the secrets of our food in an interdisciplinary degree program and help shape the nutrition of the future with information on the Bachelor and Master of Science degree programs in Food Science and Biotechnology, followed by a tour of the research facility. Duration approx. 1 hour.

**Institute of Food Science and Biotechnology**



TOP

1d

## **Agricultural systems of the future: Transformation to a sustainable agricultural economy**

12:00 noon – 5:30 p.m. » **Palace, inner courtyard**

We present our innovative ideas for a sustainable transformation of agricultural systems based on bioeconomic principles. In the face of a growing global population and the need for healthy nutrition, they represent a low-impact approach to our environment. We will show you how high-quality food can be produced without synthetic chemical pesticides (NOcsPS project), how a mechanized driver's cab improves the work-life balance of farmers (Driver's Cab/ Onfield project), and why closing regional nutrient and recyclable material cycles, especially in urban areas, is of considerable importance for the future of agricultural systems (RUN project).

**Hohenheim Research Center Global Food Security and Ecosystems (GFE), Department of Farm Management**

1h

## **Digital focus for business and economics: Get to know the Digital Business Management Bachelor's program!**

12:00 noon – 5:30 p.m. » **Palace, inner courtyard**

We invite you to visit the Digital Management department's information stand to discuss the content and focus of the Bachelor's degree program in Digital Business Management with current students. Students will provide personal insights into the course and demonstrate the practical application of the course content based on selected use cases.

**Department of Digital Management**

1l

## **Education for business and economics – What is it? Insights into research and teaching**

12:00 noon – 5:30 p.m. » **Palace, inner courtyard**

At our interactive information stand you can find out about our Education for Business and Economics degree program – a discipline at the interface between education, business, and economics. Learn more about our subject areas, current research projects, and innovative teaching concepts.

**Department of Business and Economics Education**

1u

## **Student Services (Studierendenwerk) introduces itself**

12:00 noon – 5:00 p.m. » **Palace, inner courtyard**

Information stand about the services offered by the Studierendenwerk, e.g. student financing (BAföG) and student housing

**Student Services Tübingen-Hohenheim**

3b

## **Digitalization, sustainability, and society**

12:00 noon – 5:00 p.m. » **Palace, central building, upper floor, blue hall**

Societies are currently caught between two megatrends: sustainability and digitalization. Both trends are fundamentally challenging the way we have always lived, worked, and acted in many different ways. In this context, social relations play a crucial role, both in terms of the possibilities and limits of digital forms of collaboration, but also when it comes to providing information and sharing ideas on achieving sustainable lifestyles. As a discipline, we are interested in the connection between these two trends and the possibilities of combining them: How can sustainability be promoted through digitalization and how can digitalization be made sustainable? We invite all visitors to our stand to reflect with us on the many possibilities for combining digitalization and sustainability in a forward-looking way and to discuss the conditions and obstacles involved.

**Department of Sociology**

3f

## **Workshop: 5 million innovations for a better world**

3:00 p.m. – 4:00 p.m. » **EPalace, central building, upper level, Green Room**

The workshop gives you the opportunity to develop innovative ideas for a better world. You will experience a new kind of creativity. No previous knowledge is necessary. You will leave the workshop with some new ideas – that's a promise!

**Department of Innovation Management**

3g

## **Presentation: How does TikTok actually work? Opportunities, risks, revenue models & algorithms**

12:00 noon; 3:00 p.m. » **Palace, central building, upper floor, Balcony Room**

TikTok is one of the most widely used social media platforms in Germany. 20 million Germans use TikTok every month. And never before has a social medium been so popular. This interactive and entertaining lecture (30 minutes) will present the most successful content and take a look at who uses TikTok for how long and how much, what positive and negative effects it has, and how people earn money with TikTok. And finally, while we won't be able to reveal the closely guarded secrets of TikTok's algorithms, we will share some insights to enable you to view your "For You Page" with a little more nuance. (lecture: Prof. Trepte)

**Department of Communication Science: Media Psychology**

3h

## **Presentation: Insights into research: The illusion of knowledge, social media, and extreme opinions**

1:00 p.m., 4:00 p.m. » **Palace, central building, upper floor, Balcony Room**

Social media, especially platforms such as TikTok or Instagram, can promote the illusion of knowledge by encouraging superficial exposure to political issues while providing, however, few opportunities to acquire knowledge. Those who rate their knowledge high when in fact they know little may underestimate the complexity of political problems and be more susceptible to simplistic solutions and extreme opinions. A representative online survey conducted by the Online Communication department has shown that people with a higher illusion of knowledge are more likely to agree with extreme opinions and show a greater willingness to engage in political discussion. This means that they are not only more likely to hold problematic views, but also more likely to spread them, which poses a challenge for democracies. The lecture will contextualize and discuss these findings, and provide insights into communication research. Questions about the research process and academic work in the Communication Science field are welcome.

**Department of Communication Science: Interactive Media and Online Communication**

In German

In German

5d

## Insight into the research projects conducted by the “CANNABIS-NET” ZIM network.

12:00 noon – 5:30 p.m. » Palace Park in front of the west courtyard

Visit our stand to find out more about the scientific activities carried out by the University of Hohenheim in the medical cannabis field. The Department of Agronomy's research and development work in the cannabis sector will be presented with illustrative material, informative content, and a get-together with some of the scientific researchers.

Department of Agronomy

5e

## CHARGE project: Field study on the impact of underground HVDC cables on soil and agricultural crops

12:00 noon – 5:30 p.m. » Palace Park in front of the west courtyard

The University of Hohenheim and the transmission system operator TransnetBW are conducting a scientific experiment as part of the SuedLink energy transition scheme. This experiment is investigating the impact of constructing and operating 525 kV DC underground cables on soils and agricultural crops. At our stand, we will be presenting the research work conducted so far, the installation of the test sites, and the technology. We will also be explaining the SuedLink energy transition scheme in detail.

Department of Agronomy

5g

## What does psychology have to do with sustainability?

12:00 noon – 5:30 p.m. » Palace Park in front of the west courtyard

Many people would like to see a more sustainable society – and they would also like to act more sustainably on an individual level. What is the role of individual behavior in sustainable social development? How do the expectations of others affect us? How do we deal with misinformation and conspiracy theories about climate change? Why do some sustainable behaviors come easier to us than others? Based on these and similar questions, we want to explain why psychology is important in explaining the behavior of individuals and groups in the context of sustainable development. In doing so, we want to provide an interactive and informative insight into research and teaching in the Department of Sustainable Behavior and Business and in the environmental psychology field.

Department of Sustainable Behavior and Business

12

## From lentils to lyophilizates – the expert preparation of samples, visualized by scanning electron microscopy (SEM)

12:00 noon – 5:00 p.m. » Emil-Wolff-Str. 12, CFH building

The first step towards reliable measurement results is the expert preparation of samples. In addition to analytical methods, sample preparation is another core competency at the Core Facility Hohenheim (CFH). Together with the visitors, we will use illustrative examples to clarify, among others, the following questions: How are samples divided correctly? What is the difference between grinding and crushing? How does freeze-drying work? How are olive oil samples prepared? A selection of the prepared samples will then be closely examined under a scanning electron microscope (SEM).

Core Facility Hohenheim

13

## All you can IT – Informatics in the food industry

12:00 noon – 5:00 p.m. » Garbenstr. 25, building 03.41, lower foyer

The Department of Food Informatics combines modern IT with the food industry. Learn how digitalization and the use of robotics can increase efficiency and safety in food processing. Our experts present current research projects and use LEGO robots and a learning factory for digitalized production to show how IT solutions and artificial intelligence are revolutionizing food production.

Department of Food Informatics

Suitable for children

13

## Microbes in food: Useful helpers and dangerous pathogens

12:00 noon – 5:00 p.m. » Garbenstr. 25, building 03.41, Laboratory room

Take a look inside a “food microbiology laboratory” and learn more about food fermentation and spoilage. In particular, we would like to show you at various stations what salmonella is, in which foods it is frequently found, and how it can be detected there. We would also like to give you an insight into the fermentation of various foods. How many fermented foods do you know and what microorganisms are used to ferment them?

Department Food Microbiology and Hygiene

14

## Agricultural sciences teaching garden

12:00 noon – 5:00 p.m. » Turmallee, Goldener Acker, Agricultural sciences teaching garden

Experience a fascinating demonstration of the wide variety of agricultural crops that form an essential basis of the bioeconomy. We will show you the effects of fertilization and crop protection as well as the consequences of not using these measures. Among other things, we look at the occurrence of weeds, diseases, and deficiency symptoms in crops.

Faculty of Agricultural Sciences

14

## Weather and Climate Station Hohenheim

12:00 noon – 5:00 p.m. » Turmallee, Goldener Acker, Weather Station

Weather has been being scientifically observed in Hohenheim for 146 years. This means that Hohenheim has one of the longest climate measurement series in Germany. Visitors can get to view various current and historical measuring instruments, and gain insights into current weather and climate research.

Institute of Physics and Meteorology



16

## Information stand at the experimental station and agricultural machinery exhibition

12:00 noon – 5:00 p.m. » Meiereihof, Schwerzstr. 21, courtyard area

Information stand at the Agricultural Experimental Station, Hohenheim site, with an exhibition of various agricultural machines.

**Agricultural Experimental Station, Hohenheim site**

19

## Tropical diversity in Hohenheim – “Hohenheim Tropics”

12:00 noon – 5:00 p.m. » Garbenstr. 13, forecourt

Research and teaching activities with a focus on the tropics and subtropics have a long tradition at the University of Hohenheim. We provide information about the Institute of Agricultural Sciences in the Tropics (Hans Ruthenberg Institute) with its more than 100 staff members, the Agricultural Sciences in the Tropics & Subtropics degree program, the various alumni programs, study excursions to the tropics, the possibility to do a Master's thesis in the tropics through the fiat panis foundation's Dr. Hermann Eiselen scholarship program, and about PROTUS e.V., an association for promoting teaching and research about the tropics and subtropics.

**Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute)**

19

## Anton & Petra Ehrmann-Stiftung research training group “Water – People – Agriculture”

12:00 noon – 5:00 p.m. » Garbenstr. 13, forecourt

Water is one of the most important global resources, and we need integrative solutions for resources conflicts. Questions about water use are inseparable from other challenges such as food security and energy production. Our doctoral candidates are conducting global research on current key topics such as “Water and Productivity,” “Water and Climate Change,” or “Water and Health.” Dive into our water topics.

**Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute)**

19

## Lectures: Sustainable land use in the tropics – highlights from our research

1:00 p.m., 1:30 p.m., 2:00 p.m. » Garbenstr. 13, ground floor, lecture hall 20

Research on environmental protection, food security, and poverty reduction. Visitors to the short lectures will gain insights into our tropical agricultural science research fields with illustrative examples from our projects in the tropics.

1:00 p.m. Ingo Grass: “Tutti Frutti – Bees & Pollination”

1:30 p.m. Sebastian Heinze: “Green Up Sahara – Is sustainable hydroponic plant production possible in the desert?”

2:00 p.m. Peter Reutter: “Marketing products from agroecological agriculture in Zambia – do Participatory Guarantee Schemes help?”

**Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute)**

23

## Wasp and Hornet Nests

12:00 noon – 5:00 p.m. » Erna-Hruschka-Weg 6

Exhibition with tour, throughout the day: There are several hundred species of wasps in Germany. However, most people are only familiar with the “nuisance species” that can sit on our cake or be troublesome garden inhabitants in large soil nests. There are also solitary or social species. Using wasp and hornet nests on display, the different species and lifestyles of these important beneficial insects are introduced and explained.

**Apicultural State Institute**

Suitable for children

23

## Varroabiology and varroa research

12:30 p.m., 2:00 p.m., 4:00 p.m. » Erna-Hruschka-Weg 6

For decades, the parasitic mite *Varroa destructor* has been the biggest problem for honey bees and beekeeping around the world; varroasis is the main cause of periodic colony losses and economic damage. Currently, there is no satisfactory treatment method that meets all the requirements of the beekeeping community. Current research projects and results are presented and explained here.

**Apicultural State Institute**

23

## Honey and other bee products

12:30 p.m., 2:30 p.m., 4:00 p.m. » Erna-Hruschka-Weg 6

How do bees make honey and what is actually in honey? Why does one honey look one way and another completely different, and which honey is the best for you? Learn all about this most popular spread and also about other bee products such as beeswax, pollen, propolis, and bee venom.

**Apicultural State Institute**

Suitable for children

23

## Spinning Honey

1:00 p.m., 2:00 p.m., 4:00 p.m. » Erna-Hruschka-Weg 6

The crowning glory of all efforts is when the liquid gold flows out of the extractor. Watch and learn what steps are necessary for this. With a little luck, you can also taste a few drops.

**Apicultural State Institute**

Suitable for children

23

## A Look into the Bee Colony

1:00 p.m., 3:00 p.m., 4:30 p.m. » Erna-Hruschka-Weg 6

It is dark in the hive, yet every bee knows what to do. What different tasks are there for the bees to do and how does the superorganism bee colony organize itself? Experience the fascination of honey bees up close!

**Apicultural State Institute**

Suitable for children

23

## Wild Bees

1:30 p.m., 3:00 p.m., 4:30 p.m. » Erna-Hruschka-Weg 6

In Germany alone, we have about 580 different species of wild bees. Only a few of them can be found at our wild bee nesting boxes. About 300 species nest in the ground or in steep walls, a good 100 species look for nesting sites in pithy plant stems or in dead wood. What can you do to improve the conditions for wild bees in our immediate environment?

**Apicultural State Institute**

23

## Fighting Varroa

1:30 p.m., 3:30 p.m. » Erna-Hruschka-Weg 6

Constant Varroa infestation control and proper application of approved Varroa control agents significantly increase bee health and reduce high winter losses. This requires good knowledge of the population dynamics of bees and varroa mites and of the modes of action of the various treatment measures, even among amateur and hobby beekeepers. All treatment methods focus not only on bee health but also on the quality of bee products such as honey and beeswax.

**Apicultural State Institute**

23

## Pollen analysis – verification of botanical or regional origin information

2:00 p.m., 3:30 p.m. » Erna-Hruschka-Weg 6

Honey varietal indications such as rapeseed honey or linden honey may only be used if the honey is predominantly derived from these flowers or plants and has corresponding sensory (appearance, odor, taste), physicochemical (e.g., conductivity, sugar spectrum), and microscopic characteristics. The accuracy of botanical or regional origin information can be verified by pollen analysis. The microscopic image can also be used to distinguish between flower and honeydew honey. This requires great expertise. You will gain a little insight into this here.

**Apicultural State Institute**

25

## Presentation: What does “biotechnology” mean in 2024 and what can it do for our society in future?

11:00 a.m. » Heinrich-Pabst-Str. 3, 1st floor, lecture hall 26

In German

In the media, the terms “biotechnology” and “genetic engineering” are often used in an emotive way, while the rational – indeed almost natural – background remains unmentioned. Selected current and everyday examples of biotechnological products will therefore be presented and explained at the beginning. This will be followed by an interactive discussion on the topics with the audience. The lecture will be held in lecture hall 26 from 11 a.m. to 12 noon

**Department of Biotechnology and Enzyme Science**

25

## Dried and dehydrated foods: Why, wherefore, which way?

12:00 noon – 5:00 p.m. » Heinrich-Pabst-Str. 3, Technical Center, building 03.46

Dried foods and food ingredients will be presented in terms of their production, functionality, and importance. Research approaches and innovative technologies will be discussed and their functionality demonstrated.

**Department of Food Process Engineering and Food Powders**

25

## Presentation: The Taste of Science: When bits meet bites!

1:00 p.m. » Heinrich-Pabst-Str. 3, 1st floor, lecture hall 26

German

When bits meet bites – how digitalization helps to make our food more sustainable (lecture by Prof. Krupitzer)

**Institute of Food Science and Biotechnology**

25

## Presentation: The Taste of Science: Food from the 3D printer!

2:00 p.m. » Heinrich-Pabst-Str. 3, 1st floor, lecture hall 26

German

Will 3D food printing revolutionize our food supply? (Lecture by Prof. Jekle)

**Institute of Food Science and Biotechnology**

38

## Designing livestock systems that are sustainable, promote animal welfare and protect the environment

12:00 noon – 5:00 p.m. » Otto-Sander-Str., inner courtyard, building 03.12 / building 03.13

Explore current research projects in sustainable animal husbandry and discover innovative technologies for animal welfare. Take a look at the innovative barn models that have been developed specifically to promote animal welfare in pig farming. You will also be able to view and try out measuring devices that provide insights into the technologies used to monitor and improve animal welfare.

**Center for Livestock Technology (308)**

# HANDS-ON ACTIVITIES

1a

## Research-based learning with Humboldt reloaded: Support for mathematics modules

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Find out about the wide range of mathematics courses offered by the University Didactics Office to help you get off to a good start in your studies. Find out more about the Math Pre-Course, Math Workshop, Fit for Math Course, and the Math Exercise Space. You can also experience that mathematics is fun with our hands-on activities at the stand!

**Humboldt Reloaded / University Didactics**

1c

## “Can we skip to the good part?” – Bioeconomy for more sustainability

12:00 noon – 5:30 p.m. » Palace, inner courtyard

At the stand for the Hohenheim Bioeconomy Head Office, you can find out what our research has to do with sustainability, how diverse the bioeconomy already is, and how important it will be in future to close resource cycles. Are you already familiar with bio-based alternatives? Do you know what the bioeconomy actually is? There are small prizes to be won in a sustainability quiz at our stand. Come and talk to us and learn more about the bioeconomy and your options.

**Bioeconomy Head Office**

1i

## Meet Queen Olga & high nobility

12:00 noon – 5:30 p.m. » Palace, inner courtyard

For many years, a small group has acted out the high nobility and the court of Queen Olga of Württemberg. The group enjoys walking through Hohenheim Palace and its parks in period dress. It is always amazing how much interest people of all ages have in bygone eras. We are always ready to answer questions and talk to the children. We also love being photographed.

“Königin Olga & Hochadel 1860 von Württemberg e.V.”

Suitable for children

1j

## Soap bubble art: A show full of magic and color!

1:00 p.m., 3:00 p.m. » Palace, inner courtyard

Immerse yourself in the fascinating world of soap bubbles with our enchanting and captivating soap bubble show! Enjoy two magical performances that will leave you spellbound. Also discover the art of making soap bubbles and learn different techniques to create your own wonderful bubble shapes. An unforgettable experience for the whole family!

**Soap bubble artist Ekaterina Kraft**

Suitable for children

## Discover the magic of saliva and the mystery of DNA! The lab for school students introduces itself

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Have you ever wondered what happens in your mouth when you chew? Let's go on an exciting adventure and discover the secret magic of your saliva! Meet amylase, the superhero in your mouth that helps transform your food. And have you ever seen the blueprint for all living things, DNA? Make it visible yourself from tomatoes and be amazed... Discover the fascinating world of MINT (STEM) and agricultural research with HoLa-Science, Hohenheim's new learning and teaching laboratory. School students immerse themselves in various topics such as agriculture of the future, adaptation to climate change, etc., and experience first-hand how science and research shape the future through hands-on experiments.

**HoLa-Science school student lab for exploring the MINT (STEM) and agricultural subject areas**

Suitable for children

1o

## Waste separation

12:00 noon – 5:30 p.m. » Palace, inner courtyard

A poster provides information about the importance of separating waste and its contribution to the circular economy. Anyone interested can take part in a waste separation experiment. Afterwards, handouts will be available explaining how to separate waste correctly in private households. Waste separation at the household level is a research focus at the Department of Consumer Behavior in the Bioeconomy.

**Department of Consumer Behavior in the Bioeconomy**

Suitable for children



**1r**

## Health Care & Public Management: Keep your back healthy, relax, and more

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Join us for a round of back fitness for the office, a relaxation session, or a brief introduction to first aid, and get to know the departments at Institute 530 with their Hohenheim Management Master (HMM) focus. Refresh yourself with a healthy, fresh smoothie!

**Institute of Health Care & Public Management**

**1s**

## Jenga XXL – Master the skill!

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Experience the classic Jenga game in a gigantic XXL format! Stack the giant blocks with dexterity and strategic skill to keep the tower from collapsing. An exciting game to play with friends – guaranteed fun!

**Marketing and Event Management**

Suitable for children

**1t**

## Defeat your opponents: Play Viking chess!

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Challenge your friends to an exciting game of Viking chess! Put your throwing accuracy and tactical skills to the test as you try to knock over your opponent's knights and topple the king. A fun activity for anyone looking for a challenge!

**Marketing and Event Management**

Suitable for children

**1v**

## Hohenheim goes green: The University's new Green Office

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Together with all its stakeholders, the university is currently setting up its Green Office for promoting sustainability. Find out what exactly the Green Office does, how anyone can get involved, and how we are making the university even more sustainable. Get involved: Whether young or old, from near or far, you are all welcome to discover in a playful way what sustainability means in everyday (professional) life. Be inspired, motivate others, and make our world a little greener.

**Green Office**

Suitable for children

**1w**

## Living and learning transformation!

12:00 noon – 5:30 p.m. » Palace, inner courtyard

Visions for a sustainable future. Get to know examples of transformative teaching and learning formats at the University of Hohenheim.

**Department of Sustainable Use of Natural Resources (430c),**

**Department of Societal Transition and Agriculture (430b), Sustainability Working Group (AKN)**

**2**

## AIDAHO – AI & Data Science Certificate Hohenheim

12:00 noon – 5:00 p.m. » Palace, West wing, ground floor, Computer room 2

At the AIDAHO project stand you can experience artificial intelligence with an interactive AI application for recognizing sweets. You will find comprehensive information about the project and about additional qualifications for Hohenheim students in the AI field. The project team will be available to answer questions and invite you to learn more about AI and data science.

**Computational Science Hub**

**5a**

## Surf Simulator – pure summer feeling!

12:00 noon – 5:30 p.m. » Palace Park in front of the west courtyard

Greetings from Hawaii! On the Surf Simulator, guests of all ages can ride the waves even without water. Great fun and action for the whole family.

**Lamaya Events**

Suitable for children

5b

## IPS – Interactive Play System

12:00 noon – 5:30 p.m. » [Palace Park in front of the west courtyard](#)

Our IPS Interactive Play System with pylons offers action-packed fun for all ages where reaction and speed are required. Form teams, work together to turn off the lights, and see who is the fastest!

**Lamaya Events**

**Suitable for children**

5c

## CICERO project “Establishment of Chickpea Cultivation in Baden Württemberg”

12:00 noon – 5:30 p.m. » [Palace Park in front of the west courtyard](#)

The CICERO project “Chickpea Cultivation in Baden-Württemberg” promotes the cultivation of chickpeas in the region. Plants and seeds from different chickpea varieties will be handed out to interested visitors. There will also be tastings of products produced in collaboration with project partners to showcase the versatility and culinary value of chickpeas.

**Department of Agronomy**

5f

## Pens, building materials & psychology: The diverse field of sustainable development

12:00 noon – 5:30 p.m. » [Palace Park in front of the west courtyard](#)

How can construction be sustainable? What are sustainable pens? Where is the most meat consumed? Find out about this and more in our sustainability quiz. Stop by to learn more about the role of psychology in sustainable development, learn about concepts like Cradle2Cradle, and test your sustainability skills.

**Department of Sustainable Development and Change**

5h

## Agroforestry in Hohenheim

12:00 noon – 5:30 p.m. » [Palace Park in front of the west courtyard](#)

Agroforestry systems (i.e. the conscious combination of agriculture and forestry) show considerable potential for meeting the future challenges faced by agriculture (climate change, biodiversity crisis, extreme weather, etc.). You can find out how these work and what is going on in Hohenheim (research, studies, practice) at the stand. There will also be agroforestry products to look at and try! Feel free to drop by!

**Coordination Office for Agroforestry Systems Research (kAFo)**

5i

## The diversity of legumes – do you know them all?

12:00 noon – 5:30 p.m. » [Palace Park in front of the west courtyard](#)

Lentils are a staple of Swabian cuisine, but other legumes and pulses such as chickpeas, dried beans, and lupin beans are also becoming increasingly popular in the kitchen. Take our quiz, experience the diversity, and discover the dishes you can conjure up with these legumes.

**Center for Organic Farming**

**Suitable for children**

6

## Village of Innovations – from your start-up idea to the business model with InnoGreenhouse

12:00 noon – 5:00 p.m. » [Fruwirthstr. 24, InnoGreenhouse](#)

Attention all start-up enthusiasts: In the Village of Innovations, the InnoGreenhouse team will show you how to turn your own innovative idea into a great business model. Whether you have your own start-up or product idea, or if you are completely without a plan: the start-up experts will give you tips, advice, and support, LEGO bricks will inspire innovative thinking, and the marshmallow challenge will awaken your inner engineer! The program for budding young entrepreneurs will be rounded off by Hohenheim start-ups, who will not only offer and present their own products, but who also have a few insider tips up their sleeves. The program at a glance:

• LEGO Serious Play Startup Edition • Marshmallow Challenge • Pitch Session • Village of Innovations

**InnoGreenhouse**

8

## Quiz and game: Change through transdisciplinary research

12:00 noon – 5:30 p.m. » [Palace balcony – south side](#)

Two Hohenheim research centers, the GFE (Global Food Security and Ecosystems) and the FZG (Health Sciences), will present current projects and offer interactive activities. The GFE will provide an overview of current research projects and explain the concept of transdisciplinary research in more detail. Another focus will be on the changes that the research projects are aiming to bring about. The FZG will present the results of the SURE-FOOD project (Strengthening Urban REsilience in FOOD and nutrition security in Kenya) as well as new research projects such as QuiPack (Food value chain intelligence and integrative design for the development and implementation of innovative food packaging according to bioeconomic sustainability criteria). The FZG will present its project findings in the form of posters and provide additional materials. The GFE and FZG will involve visitors with interactive elements.

**Research Center for Health Sciences (FZG-703) /**

**Research Center for Global Food Security and Ecosystems (GFE-702)**

10

## All about bikes in Hohenheim

12:00 noon – 5:00 p.m. » Fruwirthstraße 26a, 02.61

Here you can find information about cycling in Hohenheim, e.g., the mobility station, bicycle workshop, and RegioRad-Stuttgart. You can also test your balancing skills on a bike in a slow cycling competition. The reward is the joy of the challenge, the cheers of the crowd and vouchers for the Rads Keller, the Hohenheim bicycle workshop. And if you're in the mood for a homemade smoothie, you can blend one up yourself on our smoothie bike: simply select from the fruit assortment provided (while stocks last), fill the electro-free blender, and let the blender blades rotate by your own muscle power.

**Construction and Property Management Department**

Suitable for children

13

## Nutrition obstacle course

12:00 noon – 5:00 p.m. » Garbenstr. 25, building 03.41, upper foyer

Immerse yourself in our interactive nutrition obstacle course that offers a glimpse into the diversity and innovations in nutrition and food science, engaging both your senses and your mind. Learn about sustainable nutrition and taste pastries made with alternative protein sources, from microalgae to insects. Immerse yourself in the fascinating world of molecular biology by isolating DNA from a banana in minutes using simple home remedies. Discover how taste works and how new technologies and ingredients can revolutionize our diet. Join us and experience a culinary journey full of discoveries and innovations for both young and old!

**Department of Molecular Nutrition**

Suitable for children

13

## Sweet is not just sweet – how does the perception of sweetness work?

12:00 noon – 5:00 p.m. » Garbenstr. 25, building 03.41, upper foyer

On the theme of "sweet is not just sweet", we offer insights into the perception of sweetness with three fascinating experiments. We illustrate the differences in how the taste of conventional sugar is perceived and alternatives such as stevia. We also shed light on the interaction between the two chemical senses of smell and taste, and the role this plays. In addition, we explore how your sense of taste can be influenced by proteins from the miracle berry, for example to make a lemon appear sweet. And, for a full understanding, we also explain the physiological mechanisms behind these phenomena.

**Department of Human Nutrition and Dietetics**

Suitable for children

13

## Sustainable, natural, and innovative flavors? Mushrooms make that possible

12:00 noon – 5:00 p.m. » Garbenstr. 25, building 03.41, Room -1.21

How can mushrooms help us to develop innovative and natural flavors for the food industry? Which mushrooms can be used for this and what can we use to create these new flavors? We ask ourselves these and other questions in the Department of Flavor Chemistry. We invite you to immerse yourself in the world of flavor biotechnology and test for yourself some of the flavors we produce.

**Department of Flavor Chemistry**

Suitable for children

18

## Hens and eggs – top performance day after day

12:00 noon – 5:00 p.m. » Fruwirthstrasse 35, building 04.43, avenue in front of the building

How are eggs formed and what do hens need to lay eggs? What does modern egg production look like and what are the challenges facing modern husbandry systems for laying hens? These and similar questions are examined from different perspectives by the various disciplines. In addition, we will also present the Institute of Animal Science's research projects and courses on this topic.

**Institute of Animal Science**

Suitable for children

19

## Quiz: Research in the Tropics

12:00 noon – 5:00 p.m. » Garbenstr. 13, forecourt

The Hans Ruthenberg Institute demonstrates hands-on tropical research. Our ecology, economics, and plant and animal sciences departments reveal amazing things and give insights into their versatile working methods. Stop by and take our quiz for a chance to win a tropical plant. (The quiz is also suitable for children).

**Institute of Agricultural Sciences in the Tropics (Hans-Ruthenberg-Institute)**

Suitable for children

23

## Honey Ice Cream

12:00 noon – 5:00 p.m. » Erna-Hruschka-Weg 6

Try out some very special ice cream flavors. The “Honey Ice Cream” made with our own honey is sold here. Only while stocks last!

**Apicultural State Institute**

Suitable for children

23

## Bee Anatomy

12:00 noon – 5:00 p.m. » Erna-Hruschka-Weg 6

What does a bee stinger look like or how does the worker differ from the queen? At our anatomy table, you can study in detail the anatomy of the different bee roles – queen, worker, and drone – as well as different bee species using real specimens.

**Apicultural State Institute**

Suitable for children

23

## Swarm of Bees

2:30 p.m. » Erna-Hruschka-Weg 6

Be there when a swarm of bees takes off in search of its queen and then settles back down where the queen is. A unique experience.

**Apicultural State Institute**

Suitable for children

25

## Fruity, functional, futuristic: Orange nectar, crust modeling, and 3D printing

12:00 noon – 5:00 p.m. » Heinrich-Pabst-Str. 3, Technical Center, building 03.46

We will show you the world of plant-based foods: from standard processes such as orange nectar production (tasting), to model processes using research ovens for crusts, to future processes such as the resource- and energy-saving 3D printing of food.

**Department of Plant-Based Foods**

Suitable for children

34

## Artificial Intelligence in agriculture

12:00 noon – 5:00 p.m. » Garbenstr. 13, AI Lab, room 123

Gain insights into the project work conducted by the Artificial Intelligence in Agriculture Engineering department and have a look around the labs. A presentation on the department will explain how artificial intelligence (AI) can be used in agriculture to automate processes, analyze data, and make decisions. You can also marvel at “Phoenix”, the famous agricultural robot (Chancellor exhibit), the all-rounder that combines artificial intelligence and robotics. You can also experience artificial intelligence interactively: “AI you can touch”.

**Department of Artificial Intelligence in Agricultural Engineering**

Suitable for children

37

## Kleine Hohenheimer – Play and craft with coffee and cake

12:00 noon – 5:00 p.m. » Fruwirthstr. 30, KinderGARTEN

Both the “Kleine Hohenheimer” and “Hohenheimer Zwerge” daycare centers offer great play activities. In the garden at the “Kleine Hohenheimer” daycare center there will be a treasure hunt in the sandbox, play activities as well as shady places to relax, drink coffee, and enjoy a wide variety of cakes. In front of the daycare center, children can have a go at handicrafts and play.

**Campaign group “Kind UND Beruf in Hohenheim e.V.”**

Suitable for children

39

## Oh, so that’s what conversion technology is all about! How the conversion of (residual) biomass into high-value products works

12:00 noon – 5:00 p.m. » Garbenstr. 9, building 03.12, Research Hall

At the Conversion Technologies of Biobased Resources department, we are working on sustainable biorefineries that convert crops and (agricultural) residues into high-value products in a complete and closed-loop manner. This produces proteins, chemicals for plastics, carbon materials, and even fertilizers. All without fossil fuels such as oil, gas, or coal. This is not only good for the climate, because we save CO<sub>2</sub>, but also for ecosystems such as our soils, as nutrients are kept in the regional cycle. We use fun, hands-on activities to help you explore our topics.

**Department of Conversion Technologies of Biobased Resources**

Suitable for children

3d

## Historical palace tour

1:30 p.m., 2:00 p.m., 2:30 p.m. » Palace, central building

Guided tour of the historic state rooms at Hohenheim Palace with background information about the palace and the founding of the university.

**University Archive**

4

## Open-air concert with the Concert Band

6:00 p.m. » Palace Park in front of the east courtyard

This year's end-of-semester concert performed by the Concert Band, the University of Hohenheim's symphonic wind orchestra, will once again take place in the east courtyard of Hohenheim Palace. Hop on the Orient Express. Conductor Benedikt Schultheiss will take you on a musical journey into the East. You are cordially invited to this atmospheric finale to the Open Day. Don't forget your picnic blanket! In case of bad weather, the concert will be moved to the Katharinasaal in the Euroforum.

**University Music & Theater**

7

## Nordic sounds with the University of Hohenheim Symphony Orchestra

1:00 p.m. – 2:00 p.m. » Katharinasaal, building 02.65, Euroforum

The symphony orchestra and its conductor Klaus Breuninger will take you on a musical journey to the Far North.

**University Music & Theater**

7

## Summer jazz music with the BigBand

3:00 p.m. – 4:00 p.m. » Katharinasaal, building 02.65, Euroforum

The BigBand of the University of Hohenheim, conducted by Samuel Restle, invites you to a concert in the Katharinasaal as part of the Open Day. Let yourself be enchanted by the summery, upbeat jazz standards.

**University Music & Theater**

Suitable for children

13

## Discover the world of biotechnology

2:00 p.m. – 3:00 p.m. » Garbenstr. 25, building 03.41

Learn about the latest developments in biotechnology with guided tours of our Department of Biotechnology and Enzyme Science.

**Department of Biotechnology and Enzyme Science**

16

## A look inside the cowshed, or "What is the dairy cow doing at the university?"

12:00 noon, 2:00 p.m., 4:00 p.m. » Meiereihof, Schwerzstr. 21, cowshed

The manager of the cowshed answers these and many other questions during three guided tours around the cowshed. Interested visitors can learn about the life of cows and calves at the university. What research projects are currently underway, what we mean by animal welfare, what the animals are fed, and more.

**Agricultural Experimental Station, Hohenheim site**

17

## Climate change retrospective

2:00 p.m. – 3:00 p.m. » Circular viewing point at the southern end of Pappelallee

The forests are in a state of flux, and this can be particularly well experienced on a tour of the unique vegetation history in the Hohenheim Gardens. The gardens are an association of science and gardeners.

**Hohenheim Gardens**

24

## Collection Greenhouse now open

12:00 noon – 5:00 p.m. » Erna-Hruschka-Weg 2, Collection Greenhouse

The Hohenheim Collection Greenhouse is now open and presents a variety of tropical and subtropical plants. From cacti to carnivorous plants, orchids, and begonias to tropical crops such as pepper, coffee, and bananas. The on-site staff will be available to answer any questions you may have.

**Hohenheim Gardens**



25

## The best that animals and plants have to offer: Sausage

12:00 noon – 5:00 p.m. » Heinrich-Pabst-Str. 3, Technical Center, building 03.46

Is it still necessary for sausages to contain meat? You can get to the bottom of this and many other exciting questions in the Food Materials Science department. Here you will learn how innovative product ideas are created by transferring knowledge from time-honored craftsmanship. The result: perfectly seasoned hot dogs or the best next-generation salami. Starting at 12:30 p.m., there will be guided tours every half hour, during which you can get acquainted with both traditional and state-of-the-art equipment for meat processing and analysis. To make sure it's not all theory, there will of course be small "tastings". You can also enjoy delicious homemade sausages – with or without meat – in the courtyard of the institute.

**Department of Food Materials Science**

Suitable for children

25

## Process Analytics – in the thick of it, not just on the sidelines

1:00 p.m., 2:00 p.m., 3:00 p.m., 4:00 p.m. » Heinrich-Pabst-Str. 3, Cereal Technical Center, building 03.46  
Garbenstr. 21, Analytical Laboratory, building 03.46

Have you ever wondered how to measure how long dough needs to be kneaded or how much a food product needs to be reheated for safety reasons? Process analysis deals with questions like these. It seems to be involved everywhere and is an essential part of any manufacturing process where variables such as the temperature or material content must be determined to ensure that limit values are adhered to or that exactly the right amount is used, i.e. not too much and not too little. Examples and guided tours will show how such tasks are solved in process analysis, whereby you can touch a lot of things, but not everything.

1:00 p.m., 3:00 p.m. Guided tour of the Cereal Technical Center.

2:00 p.m., 4:00 p.m. Guided tour of the Biology and Analytical Laboratory

**Process Analytics**

26

## Climate protection in the garden

2:30 p.m. – 3:30 p.m. » by the large sycamore tree across from the playground

Ways to actively contribute to climate protection will be explained during a guided tour of the Plant System garden. Various methods for using water sparingly will be demonstrated. Participants will be given an overview of the different uses of mulch materials, irrigation methods, and site-appropriate plant selection, which they can also apply to their own gardens.

**Hohenheim Gardens**

Suitable for children

27

## Hohenheim Cemetery

2:00 p.m. – 3:00 p.m. » Hohenheim Cemetery

Hohenheim is the only university in Germany with its own cemetery. During the tour, you will learn about the history, flora, and the facilities.

**Hohenheim Gardens**

28

## Innovation and new technologies in the Dairy for Research and Training at the University of Hohenheim

12:00 noon – 5:00 p.m. » Garbenstr. 21, building 03.42

Immerse yourself in science, take a look behind the scenes, and learn about approaches for sustainably producing dairy products and their plant-based alternatives. We provide insights into ongoing research projects and the challenges of producing safe and nutritious plant-based alternatives, and show the progress made in the dairy science sector. Interested? Then come and visit us! Explore our Technical Center with its pilot plants and prepare yourselves for a sensory experience. We also offer prospective students special guided tours of the research facility with its Technical Center and laboratories.

**Dairy for Research and Training**

29

## Experience the diversity of distillation methods and the art of brewing! – Insights into the Distillery for Research and Training

1:30 p.m., 3:30 p.m. » Garbenstr. 23

Immerse yourself in the fascinating world of distilling and brewing during a one-hour tour of our Fruit Distillery, Large Distillery, and Microbrewery. Groups are limited to 25 participants to ensure an interactive and personalized experience.

**Distillery for Research and Training**

30

## Hohenheim Palace Park

12:00 noon » Palace Park, Palace south exit

The Hohenheim Palace Park is an absolute treasure for tree lovers. This guided tour brings the history of Hohenheim to life.

**Hohenheim Gardens**

31

## Wine tasting of Hohenheim's wines

12:00 p.m. – 5:00 p.m. » Vineyard

You will have the opportunity to taste wines from grapes grown in Hohenheim directly in the vineyard. Assess the quality of the regional wines while enjoying the idyllic scenery of the Hohenheim vineyards. Prepare to be surprised by the diverse aromas and flavors.

**Department of Quality of Plant Products**

31

## Tour of the Hohenheim Vineyards

2:00 p.m. – 3:30 p.m. » Vineyard, Meeting point: Jägerallee

We will lead two tours through the picturesque Hohenheim vineyards. On the informative tour, you will learn more about viticulture, the history of the region, and the various types of grapes. The tour will be in German.

**Department of Quality of Plant Products**

32

## Medicinal plant gardens – medications for everyone?

3:00 p.m. – 4:00 p.m. » Medicinal Plants Garden

The use of plants by humans began very early, although little is known about the beginnings. In the Middle Ages, Hildegard von Bingen carried out pioneering research into the usability of plants. The species she suggested and how they are used today as medicinal plants will be demonstrated during this tour.

**Hohenheim Gardens**

33

## Exotic Garden

12:00 noon – 1:00 p.m. » Sycamore tree at the Playhouse (Spielhaus)

This almost 240-year-old section of the Hohenheim Gardens is a very special gem that will be presented on this tour.

**Hohenheim Gardens**

33

## Ensuring that branches don't fall on your head (tree care in the Hohenheim Gardens)

1:00 p.m. – 2:00 p.m. » Sycamore tree at the Playhouse (Spielhaus)

Tree care measures such as crown bracing, detailed examinations, tree inspections, and deadwood pruning and trimming will be clearly explained using special trees.

**Hohenheim Gardens**

41

## 20th anniversary of the Lavender Labyrinth with planting campaign

12:00 noon – 5:00 p.m. » Lavender Labyrinth in the Landscape Garden

The Lavender Labyrinth is one of the main attractions of the Landscape Garden. Maintained by volunteers, this year marks the 20th anniversary of the maze and we are celebrating in style.

**Hohenheim Gardens**