



UNIVERSITÄT
BAYREUTH

Master of Science

Global Food, Nutrition and Health

Interrelations of nutrition and health in a global context.





The interdisciplinary master's degree programme Global Food, Nutrition and Health is unique in Germany. Here you examine the interrelationships between the production and provision of food, the social and cultural context of nutrition, and its implications on health.

Great challenges of the 21st century await.

Why do countless people still live in hunger and suffer from malnutrition, while at the same time increasingly more children and teenagers worldwide are overweight or obese? How can we ensure a healthy diet for everyone – despite climate change and difficult political conditions? What role do social, cultural and ecological aspects play in the production, trade, and consumption of food?

The master's programme *Global Food, Nutrition and Health* aims to answer these questions and more. This unique programme at the University of Bayreuth focuses on the global interrelationships between the production and provision of a sufficient and safe food supply, the social and cultural aspects of nutrition and its consequences for health.



The complex interdependence of global aspects of the relationship between food supply and health are analysed through current real world developments. Hereby, questions and conflicts emerge in a wide range of fields, which the programme addresses with the help of its individual disciplines and diverse integrated specialisations.

Complex problems demand interdisciplinary solutions.

The new master's programme *Global Food, Nutrition and Health* is interdisciplinary and internationally oriented. The programme follows an holistic approach that incorporates, in addition to the health and nutritional sciences, other relevant perspectives from sociology, natural sciences, economics and law. The programme addresses issues of great importance and aims to implement future-oriented findings. In this programme you have the opportunity to study real world problems, work on concrete case studies and participate in current research projects. You will gain discipline specific knowledge and capabilities in the nutritional and health sciences, and learn to apply, as well as critically evaluate, their respective research methods and models. Your ability to work and think outside the box in an interdisciplinary way will be just as challenged as your creativity, negotiation skills, teamwork and sense of responsibility.



Students complete a two month long internship – ideally abroad – in order to deepen the theoretical basis of their studies and acquire relevant key competences. Internships with external partners such as Médecins Sans Frontières, Brot für die Welt – Evangelischer Entwicklungsdienst, and other cooperating institutions are possible.

The world will be your workplace.

There is an increasing international demand for specialists and professionals to manage the global challenges of food security and health developments in the face of climate change. With a successful master's degree in *Global Food, Nutrition and Health*, you are well prepared for such a role. Thanks to your knowledge and skills in nutrition and health science, you will be a sought-after expert. You will be able to work for international agencies within e.g. *United Nations* or the *WHO*, and non-governmental organisations. Political and policy advisory institutions will be an option, as well as national or international companies in the private sector, or join a scientific research institution – there are many exciting opportunities and prospects waiting for you.

| Global Food, Nutrition and Health – 4 Semester | | ECTS* |
|--|---|------------|
| 1 st | Approaches + Targets + Controversies | 30 |
| | Global Nutrition and Food Security | 5 |
| | Global Health and Global Health Financing | 5 |
| | Climate Change and its Consequences | 5 |
| | Components and Production of Plant and Animal Foods | 5 |
| | Medicine and Nutrition | 5 |
| | Political Economics of Nutrition and Health | 5 |
| 2 nd | Food, Nutrition and Health in a Global Context | 20 |
| | International Comparison of Food, Nutrition and Health Systems | 5 |
| | The Politics of Development in Nutrition and Health | 5 |
| | Introduction to Law and Food Law | 5 |
| | International Nutrition and Health Politics & Nutrition and Health Aims | 5 |
| | Research Methods | 5 |
| | Research Strategies and Methods in Science and Practice | 5 |
| Lecture Series | 5 | |
| 3 rd | Multidisciplinary Training: Co-Teaching** | 15 |
| | Sustainability, Planetary Boundaries | 5 |
| | Critical Perspectives on 'Food Security' | 5 |
| | Evaluation of Complex Interventions | 5 |
| | Migration and Health | 5 |
| | External Interventions and Humanitarian Aid | 5 |
| | Medical Ethics | 5 |
| | Urban Health | 5 |
| | Food Trade Law | 5 |
| | Multidisciplinary Training: Summer School | 5 |
| Mandatory Internship | 10 | |
| 4 th | Master's Thesis | 30 |
| Total | | 120 |

*ECTS credit points according to ECTS. The awarding of credit points according to the *European Credit Transfer System (ECTS)* facilitates the international comparability of coursework completed at European higher education institutions.

** In the supplementary module area, you choose three of the eight advanced modules.



The University of Bayreuth is renowned in the field of African Studies for its many years of very successful international cooperations and excellent research. The programme benefits from the many activities and close cooperation with the Bayreuth International Graduate School of African Studies (BIGSAS) and the excellence cluster "Africa Multiple".

Global and local expertise combined in one special place.

The programme's teaching and research is closely linked to the expertise provided by the excellence cluster *Africa Multiple* and the focus research area *Food and Health Sciences* at the University of Bayreuth. Kulmbach is home to many globally operating companies of the food industry, as well as the *Max Rubner Institute*, the *Bavarian Control Authority for Food Safety and Veterinary Science*, the *State Technical College for Food Technology*, and *Klinikum Kulmbach*. All of them are involved in research projects and teaching at the Faculty. In addition, students benefit from the research network in Bayreuth and established global-oriented research cooperations. Here, global and local aspects meet in a special place full of creativity and pioneering spirit.



Kulmbach is an old margravate town which is home of companies, authorities, and research institutes in the food sector. With around 26,000 inhabitants, the town offers a full range of cultural and gastronomic delights.

Pioneering spirit and fresh ideas in an old spinning mill.

The University of Bayreuth, home to approximately 13,500 students, is currently rated as one of the top young universities worldwide, ranking "414 under 50" according to the academic magazine *Times Higher Education*. The University has a character all of its own, which appeals to highly talented students and excellent scientists. A recent example of its success in this regard is the newly founded *Faculty of Life Sciences: Food, Nutrition and Health* in Kulmbach, which is dedicated to research on the sustainable production and distribution of high quality, healthy food, and the effective prevention of diseases of modern civilization. The faculty is located in the town centre in the old Kulmbacher spinning mill, rich in tradition and currently subject to comprehensive renovation measures. As a satellite campus of the University of Bayreuth, we offer a specific study service and, of course, we are closely networked with all facilities and services on the main campus in Bayreuth.



An attractive study environment awaits you.

We appreciate your interest in the international master's programme *Global Food, Nutrition and Health* at the University of Bayreuth. The programme is aimed at interested students with a bachelor's degree in *nutrition or health sciences, nutritional sciences, health economics, nursing/care, (health) psychology, social sciences, medicine, or public health*. An aptitude test will be required. Students enrolled in comparable programmes of study may also be admitted after an aptitude test.

Start of Studies – Winter Semester. Further information on the application process can be found on our website at: www.globalfood.uni-bayreuth.de.

Programme coordinator:

Univ-Prof. Dr. Dr. med. habil. Dr. phil. Dr. theol. h. c.
Eckhard Nagel
Institute for Healthcare Management and Health
Sciences

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www.instagram.com/campus_kulmbach