

UNIVERSITÄT
BAYREUTH



Module handbook

M5 a58 Global Food, Nutrition and Health

Faculty of Life Sciences: Food, Nutrition and Health

University of Bayreuth - Germany

General information and reading notes

A central component of the Bologna process is the modularisation of degree programmes which means a switch from the former course system to a modular system by grouping thematically related courses into course bundles - or modules.

This module handbook contains the description of all modules offered in the degree programme. The module handbook provides transparency and gives students, prospective students and other internal and external interested persons with information on the content of the individual modules, their qualification goals as well as qualitative and quantitative requirements.

Legal force

Module descriptions serve to increase transparency and provide better orientation regarding the modules of a degree programme. Only the relevant examination and study regulations are legally binding.

Examinations

The module handbook provides information on the module examinations. Slashes are to be read as "or" and denote alternative examination forms. If a module has partial examinations, their respective weighting is indicated. The weighting is relevant for the calculation of the overall module grade.

The scope and duration of the respective examination forms are regulated in the examination and study regulations of the programme.

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Fak721259: Food and Society			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 5	Frequency: winter semester	Self-study hours: 120	
Person responsible for the module: Bartelmeß, Tina; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Essay		100	
Prerequisites: None			
Literature recommendations for preparation: - Murcott, A. (2019). Introducing the sociology of Food & Eating. London, New York: Bloomsbury Academic. - Zhen, W. (2019). Food Studies: A Hands-On Guide. Bloomsbury Academic.			
Learning objectives: This module explores the social and cultural aspects of food. The students acquire basic knowledge about social science theories of food and nutrition. Based on this knowledge, students are able to identify social structures and cultural norms that influence food habits in real life contexts. Furthermore, students are able to explain how food sociology can help to conceptualise the connections between individual food habits and wider social patterns. Finally, students are able to recognize the importance of food in the development of identities, cultures, group dynamics, symbolism, communication, and other sources of meaning in human life.			
Learning contents: - Sociological Perspectives on Food & Eating - Culinary Cultures & Globalization of Diets - Food atHome & Food in Public - Food & Power - Food, Identity & Distinction - Food, Gender & the Body - Food & Migration - Food & Ageing - Food in the Media & Digital Food Cultures			
Type and scope of the courses: Lecture and seminar (2 hours per week)			


Fak721260: Global Health Policy			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 5	Frequency: winter semester	Self-study hours: 120	
Person responsible for the module: Dorlach, Tim; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Essay		100	
Prerequisites: None			
Literature recommendation: Clinton, C. & Sridhar, D. (2017). Governing global health: Who runs the world and why?. Oxford University Press.			
Learning objectives: Students acquire a basic understanding of the political institutions and actors that shape global health outcomes. Based on this knowledge, they are able to analyze current developments in global health policy and to evaluate pertinent reform proposals.			
Learning contents: - Political Determinants of Health - Institutions and Actors in Global Health Policy - Reform Options for Global Health Policy			
Type and scope of the courses: Lecture (2 hours per week)			


Fak721261: Climate Change and its Consequences			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 60	Link to HTML page 
Credit points: 5	Frequency: summer semester	Self-study hours: 90	
Person responsible for the module: Nagel, Eckhard; Prof. Dr. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Written examination		100	
Prerequisites: none			
Learning objectives: The students acquire fundamental knowledge about organ systems, their anatomical localizations, their physiological functions and climate change associated diseases and health-related consequences. In this context, students will develop a deeper understanding of the multiple interrelationships between climate changes and human health.			
Learning contents: - Determinants of health - Organ systems: anatomy and physiology - Climate change-associated diseases			
Type and scope of the courses: lecture (2 hours per week) accompanying seminar (2 hour per week)			

Fak721262: Components and Production of Plant and Animal Foods			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 60	Link to HTML page 
Credit points: 5	Frequency: summer semester	Self-study hours: 90	
Person responsible for the module: Vlot-Schuster, Anna Cornelia; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Module exam		100	
Presentation (50%), written examination (50%)			
Prerequisites: None			
Learning objectives: <p>A sufficient supply of nutritious food is an essential prerequisite of health. At the global scale, climate change poses a major threat to food security and planetary health, which includes environmental and human health aspects. An understanding of Global Food, Nutrition and Health therefore requires knowledge about (i) the ingredients of food and their health impacts, (ii) food systems and the production of plant and animal food products, and (iii) the influence of climate change on the physiology of food crops. Further, knowledge of modern breeding techniques and their influence on environmental and human health is a prerequisite of change.</p> <p>Based on this interdisciplinary approach, the students will realize how food, nutrition, climate change, and health are interwoven at a global scale. They can develop strategies aiming at changes in food systems towards securing human and planetary health. They will be aware of the existing challenges and the need to advance technologies and their beneficial application.</p>			
Learning contents: <p>Lectures will summarize the components of food and their connection to human health, give an overview of modern food production strategies of plant and animal food products, and will focus on the influence of climate change on plant physiology and how these play into plant breeding schemes. Additionally, modern plant breeding techniques, including CRISPR/Cas genome editing will be explored and connected to modern smart farming approaches.</p> <p>The seminar will include introductions to plant production systems as well as supply chains. Students will prepare and share presentations on topics, including Food Production, Food Supply Chains, Sustainability, Planetary Health Diet, One Health Concept, Modern Breeding Targets, Smart Farming.</p>			
Type and scope of the courses: <ul style="list-style-type: none"> - Lecture (2 hours per week) - Seminar (2 hours per week) 			

Fak721263: Medicine and Nutrition			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 60	Link to HTML page 
Credit points: 5	Frequency: winter semester	Self-study hours: 90	
Person responsible for the module: Nagel, Eckhard; Prof. Dr. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Written examination		100	
Prerequisites: None			
Learning objectives: <p>This module is interdisciplinary and includes medical, biochemical, psychological, and sociological perspectives on the relationship between medicine and nutrition.</p> <p>The students acquire basic knowledge about the key aspects of anatomical and physiological relationships specifically of the gastrointestinal tract in relation to nutritional functions.</p> <p>Students will gain a profound insight into the field of macronutrients and their digestion. They will be able to evaluate the molecular mechanism in the pathogenesis of selected nutrition-associated metabolic diseases.</p> <p>Furthermore, students will be able to name and describe psychological and sociological approaches to eating and food-related behaviour and how these approaches can enrich and expand the biomedical perspective of food and nutrition. Building up on this knowledge, they will be able to identify a multitude of influencing factors on food intake in different real-life scenarios.</p> <p>The exercises will enable you to develop practical competences for scientific work - e.g. regarding to handling of science literature and data</p>			
Learning contents: <ul style="list-style-type: none"> - Anatomy and Physiology (Gastrointestinal tract) - Nutrition-associated diseases - Requirements and digestion of macronutrients - Molecular mechanism of metabolic diseases - Social-cognitive models of and individual differences in eating behaviour - Dual process accounts and influences of the physical environment on eating behaviour - Sociological perspectives on the relation between nutrition and medicine 			
Type and scope of the courses: <ul style="list-style-type: none"> - Lecture (2 hours per week) - Tutorial (2 hours per week) 			


Fak721264: Global Political Economy of Food			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 5	Frequency: summer semester	Self-study hours: 120	
Person responsible for the module: Dorlach, Tim; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Essay		100	
Prerequisites: None Literature recommendation: Clapp, J. (2020). Food (3rd Edition). Polity.			
Learning objectives: Students acquire a basic understanding of the political and economic processes that shape the world food system and global food security. Based on this knowledge, they are able to analyze current developments in global food governance and evaluate pertinent reform proposals.			
Learning contents: - Structure and Development of the World Food System - Institutions and Actors of Global Food Governance - Reform Options for Global Food Governance			
Type and scope of the courses: Lecture (2 hours per week)			


Fak721268: Research Strategies and Methods							
Valid from: 01.10.2020							
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 				
Credit points: 5	Frequency: summer semester	Self-study hours: 120					
Person responsible for the module: Bartelmeß, Tina; Prof. Dr.							
Description of coursework and examinations:							
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Title:	Weight:						
Term Paper	100						
Prerequisites: None							
Literature recommendations for preparation: Flick, U. (2022). An Introduction to Qualitative Research. Sage.							
Learning objectives: The students acquire detailed and differentiated knowledge about the research process in the social sciences with a specific focus on qualitative research methods. Based on this knowledge, they can choose the appropriate method of data collection for a range of research questions. Furthermore, they can develop designs for qualitative studies on food, nutrition and health by defining the appropriate approaches for data collection and conducting their own research. Finally, students acquire a basic understanding of qualitative data analysis. Based on this knowledge, they are able to perform basic data analysis tasks.							
Learning contents: Qualitative Research Methods: - Research paradigms and designs in social sciences - Qualitative research methods (interviews, focus groups, participant observation, document analysis) - Analysing and reporting qualitative data							
Type and scope of the courses: seminar (2 hours per week)							


Fak721266: Food Security and Development							
Valid from: 01.10.2020							
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 				
Credit points: 5	Frequency: summer semester	Self-study hours: 120					
Person responsible for the module: Dorlach, Tim; Prof. Dr.							
Description of coursework and examinations:							
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Title:	Weight:						
Module exam	100						
Portfolio: regular response papers (60%), final paper (40%)							
Prerequisites: None							
Learning objectives: Students acquire a basic understanding of the ways in which food security and development are connected, with a specific focus on the countries of the Global South. This knowledge enables them to analyze current developments in food security governance, to identify reform needs, and to evaluate relevant reform proposals.							
Learning contents: - The Political Economy of Development - Food Security Governance in the Global South							
Type and scope of the courses: Seminar (2 hours per week)							


Fak720426: Introduction to Law and Food Law			
Valid from: 01.04.2020			
Teaching language: English	Duration: one semester	Contact hours: 60	Link to HTML page 
Credit points: 5	Frequency: winter semester	Self-study hours: 90	
Person responsible for the module: Purnhagen, Kai; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Written examination		100	
Prerequisites: None			
Learning objectives: <p>At the end of the course students are expected to</p> <ul style="list-style-type: none"> - Describe legal families, understanding their differences and analyze their interactions through examples - Distinguish between different branches of a legal systems and analyze their interactions through examples - Distinguish between national, international and supranational legal systems and analyze their interactions, - Distinguish between different sources of international law - Describe the main features of the TBT and the SPS agreement - Describe the features of the peaceful settlement of disputes under the WTO - Know the main aspects of International Human Rights Law - Describe the role and the characteristics of private standards - Describe the roles and functions of EU institutions, as well as the basis of their historical development - Be able to assess whether a competence is within the sphere of the EU or of the Member States - Be able to describe the ordinary legislative procedure in the EU - Understand the 'four fundamental freedoms' and the functioning of the internal market - Describe the "Brussel effect" - Describe the principles at the base of EU Food Law and know its main provisions - Describe the main provisions of selected pieces of EU food legislation (e.g. labelling law, novel food regulation, GMO directive, hygiene package) - Identify the main features of the CAP - Develop legal thinking skills - Be able to recall legal information (laws, interpretations, cases) from the major EU law databases, - Bring theory and practice together, applying the legal perspective acquired in the lectures to real-life examples 			
Learning contents: <p>The purpose of the course is to provide students with a well-rounded introduction to law, with a specific focus on EU Law, International Law, and EU food law. The course is divided into three thematic blocks, starting with a general introduction to law and legal thinking, followed by an introduction into International Law and institutions and by an overview on the European Union law and Food Law specifically.</p>			
Type and scope of the courses: Lecture (2 hours per week) Tutorial (2 hours per week)			

Fak721267: International Nutrition Politics			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 5	Frequency: winter semester	Self-study hours: 120	
Person responsible for the module: Dorlach, Tim; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Essay		100	
Prerequisites: None			
Learning objectives: Students acquire a basic understanding of international nutrition politics, in the Global North as well as in the Global South. This knowledge enables them to analyze current developments in nutrition politics, to identify reform needs, and to evaluate relevant reform proposals.			
Learning contents: - International Nutrition Politics - Nutrition Politics in the Global North - Nutrition Politics in the Global South			
Type and scope of the courses: Seminar (2 hours per week)			


Fak723347: Food, Health and Climate Communication							
Valid from: 01.10.2023							
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 				
Credit points: 5	Frequency: summer semester	Self-study hours: 120					
Person responsible for the module: Bartelmeß, Tina; Prof. Dr.							
Description of coursework and examinations:							
<table border="1"> <thead> <tr> <th>Title:</th> <th>Weight:</th> </tr> </thead> <tbody> <tr> <td>Module exam</td> <td>100</td> </tr> </tbody> </table>		Title:	Weight:	Module exam	100		
Title:	Weight:						
Module exam	100						
presentation (50%), annotated presentation (50%)							
Prerequisites: None							
Learning objectives: Students acquire detailed and differentiated knowledge of theories, strategies, and methods of climate change communication. Furthermore, they know successful strategies of public engagement for food and health-related challenges of climate change and are able to develop their own creative communication approaches.							
Learning contents: <ul style="list-style-type: none"> - Climate change communication research: theories, strategies, approaches - factors that influence public understanding of climate change - food, nutrition, and health in the context of climate change - innovative climate change communication approaches and strategies 							
Type and scope of the courses: seminar (2 hours per week)							

Fak220621: Biodiversity, Climate Change and Health			
Valid from: 01.04.2020			
Teaching language: English	Duration: one semester	Contact hours: 60	Link to HTML page 
Credit points: 5	Frequency: summer semester	Self-study hours: 90	
Person responsible for the module: Thomas, Stephanie; Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Written elaboration (ungraded)			
seminar presentation (graded)		100	
Prerequisites: None			
Learning objectives: At the end of this course, the students will have acquired a good understanding of how drivers such as loss of biodiversity, land use change or climate change can impact on human and animal health.			
Learning contents: <p>Health implications of Global Change: The lecture synthesizes information on the most important interlinkages between biodiversity, climate change and health. It covers the concepts of one health, and planetary health and includes an overview of related Sustainable Development Goals, CBD Aichi Targets, and the joint work program of CBD and WHO.</p> <p>Current Research in Health implications of Global Change: In the seminar we review and discuss current contributions which cover the biodiversity – climate change – health nexus especially for zoonotic infectious diseases, with a special focus on global change drivers such as biodiversity loss, land use change and climate change. This knowledge is used to articulate future research priorities.</p>			
Type and scope of the courses: V Health implications of Global Change (2 SWS, 2 CP) S Current Research in Health implications of Global Change (2SWS, 3CP)			


Fak726012: Malnutrition – from Theory to Practice			
Valid from: 01.04.2024			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 5	Frequency: summer semester	Self-study hours: 120	
Person responsible for the module:			
Description of coursework and examinations:			
Title:		Weight:	
Exam		100	
Prerequisites: The course is limited in admission. Interested students should be dieticians or have a background in nutrition.			
Learning objectives: The course will provide students with knowledge and skills on assessment, diagnosis and management of malnutrition using the NCP model. Furthermore, the students will discuss policy dilemmas about malnutrition and evaluate appropriate diagnosis tools from a global perspective. A special focus will be on interdisciplinary teamwork in the treatment of malnutrition.			
Type and scope of the courses: Seminar (2 hours per week)			
Notes: This course is an external course at our partner university Tel-Hai-College Israel. The lecturers are: Josefa Kahal; Dr. Galia Shefel-Hilel			


Fak726013: Lecture Series “Planetary Health – Connecting the dots”							
Valid from: 01.04.2024							
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 				
Credit points: 3	Frequency: summer semester	Self-study hours: 60					
Person responsible for the module: Quentin, Wilm; Prof. Dr.							
Description of coursework and examinations:							
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Title:	Weight:						
Exam	100						
Essay or presentation Requirement for the submission of this module performance is the 80 % participation in the lectures.							
Prerequisites: None							
Learning objectives: After attending the lecture series, students will:							
<ul style="list-style-type: none"> - have acquired basic knowledge of the most important political aspects of environment, climate change and health worldwide. - be able to put different subject areas into context with environment, climate change and health. - be able to name relevant international actors working on climate change and health. - be able to identify factors influencing climate and environmental change - have acquired competences to develop their own project ideas 							
Learning contents: You are interested in the greatest global challenges for health in our times? You wonder about how we want to live in the future? The lecture series Planetary Health - Connecting the Dots students will introduce students to knowledge about causal relations between environment, climate change and health. The series takes a broad integrative, transdisciplinary perspective, including natural science, public health, economics, and social science. It aims to inspire future pioneers of change. During the lectures students will hear from international experts from various disciplines joining forces, connecting the dots for a healthy planet.							
Type and scope of the courses: Different lectures from experts from the university of Bayreuth as well as from different fields.							

Fak726014: Food Quality and Supply Chain Management							
Valid from: 01.04.2024							
Teaching language: English	Duration: one semester	Contact hours:	Link to HTML page 				
Credit points: 5	Frequency: summer semester	Self-study hours:					
Person responsible for the module: Fikar, Christian; Prof. Dr.							
Description of coursework and examinations:							
<table border="1"> <thead> <tr> <th>Title:</th> <th>Weight:</th> </tr> </thead> <tbody> <tr> <td>Exam</td> <td>100</td> </tr> </tbody> </table>		Title:	Weight:	Exam	100		
Title:	Weight:						
Exam	100						
written exam (60%); case studies and group assignments incl. presentations (40%)							
Prerequisites: None							
Learning objectives: After completion of the course, students will understand key concepts of supply chain management and are able to highlight the importance of quality management within the food industry. They will be able to investigate various supply chain structures and develop concepts on how to improve process quality, transparency and coordination within such systems.							
Learning contents: The course tackles: <ul style="list-style-type: none"> - Introduction to food supply chains - Supply chain drivers and metrics - Risk management - Food quality management concepts - Supply chain coordination - Business process modelling 							
Type and scope of the courses: <ul style="list-style-type: none"> - Lecture (2 hours per week) - Seminar (2 hours per week) 							


Fak323127: Environment and Economics			
Valid from: 01.04.2024			
Teaching language: English	Duration: one semester	Contact hours: 45	Link to HTML page 
Credit points: 5	Frequency: every semester	Self-study hours: 105	
Person responsible for the module: Stadelmann, David; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Module Exam		100	
Prerequisites: None			
Learning objectives: <p>In this module, students will first be acquainted with basic conceptual tools in economics. They will learn how economic analysis can help to understand and solve problems related to the environment, climate, and public health. Course participants will understand the importance of incentives, markets, market failure, and the interaction between markets and government. The module focuses on an economical way of thinking about real world problems. Special attention will be given to the health care sector. It is being taught, how the economic efficiency in health care can be measured and how economic evaluations can be performed.</p>			
Learning contents: <ul style="list-style-type: none"> - Analyze the importance of economic incentives - Understand the relevance of market failure and solutions to market failure - Evaluate link between economic performance and the environment - Analyze economic consequences of climate change and costs/benefits of climate protection - Perform economic evaluations related to health care sector - Explore types of economic evaluations (cost-minimization analysis, cost-effectiveness analysis, cost-utility analysis) - Programme budgeting and marginal analysis in health care sector 			
Type and scope of the courses: Lecture (3 hours per week)			


Fak324906: Impact Entrepreneurship – Developing Social and Ecological Innovations			
Valid from: 01.04.2024			
Teaching language: English	Duration: one semester	Contact hours: 45	Link to HTML page 
Credit points: 6	Frequency: every semester	Self-study hours: 135	
Person responsible for the module: Jakob, Eva; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Exam		100	
The module examination consists of a presentation and the submission of a written solution concept.			
Prerequisites: None			
Learning objectives: The aim is to connect interdisciplinary master's students from all faculties and to enable them to jointly develop solutions for social and/or ecological problems using innovative methods. Examples of these are acute and global challenges such as biodiversity loss, climate change, environmentally friendly production/additive manufacturing, nutrition and smart cities. By taking the course, sustainable, impact-oriented action can be experienced and solutions to global problems are developed. Through this course, you will not only learn a range of methods to address global challenges, but also develop a deeper understanding of these challenges, which is especially enhanced through interdisciplinary collaboration.			
Learning contents: You will learn advanced knowledge in the field of impact entrepreneurship (i.e., solving social and/or ecological problems through innovative methods). Furthermore, you will learn how to develop your own sustainable solutions for social and/or ecological challenges. In addition to obtaining a foundation of scientifically based content on impact entrepreneurship, you will learn the necessary tools and their application in practice-oriented workshops and will also be personally advised in a team by the interdisciplinary lecturers. Schedule: 1. Kick-off event (topic/problem presentation) 2. Interactive workshops (development of ideas/solutions, business models) 3. Independent further development of the project 4. Personal coaching (individual team advice) 5. Final presentations 6. Submission of the concept			
Type and scope of the courses: Lectures, interactive workshops and personal coaching (3 hours per week)			

Fak521281: Foundations of Sustainability			
Valid from: 01.04.2024			
Teaching language: German	Duration: one semester	Contact hours: 45	Link to HTML page 
Credit points: 5	Frequency: every semester	Self-study hours: 105	
Person responsible for the module: Steinbauer, Manuel; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Exam		100	
Prerequisites: None			
Learning objectives: Students gain an overview of various aspects of sustainability and thus develop a comprehensive understanding from the perspective of different disciplines.			
Type and scope of the courses: Lecture (2 hours per week) Seminar (1 hour per week)			

Fak721985: Science Communication			
Valid from: 01.10.2021			
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 
Credit points: 3	Frequency: summer semester	Self-study hours: 60	
Person responsible for the module: Bartelmeß, Tina; Prof. Dr.			
Description of coursework and examinations:			
Title:		Weight:	
Essay		100	
Learning objectives: Students acquire knowledge of the theoretical foundations of communicating science to the public. They deal with scientific literature and prepare it for specific target groups. They develop and practise various strategies to reach target groups effectively. In addition, students acquire skills in writing texts and designing visual representations to effectively communicate scientific findings to the public.			
Learning contents: <ul style="list-style-type: none"> - Scientists and the public - Perspectives of research on scholarly and science communication - Target groups and their characterisation - Models, theories and approaches of science communication - Texts, visuals, types, media, and practices of science communication 			
Type and scope of the courses: Seminar (2 hours per week)			

Fak726015: Scientific Writing for Planetary Health							
Valid from: 01.04.2024							
Teaching language: English	Duration: one semester	Contact hours: 30	Link to HTML page 				
Credit points: 3	Frequency: summer semester	Self-study hours: 60					
Person responsible for the module: Quentin, Wilm; Prof. Dr.							
Description of coursework and examinations:							
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Title:	Weight:						
Exam	100						
Small tasks during semester							
Prerequisites: None							
List of preparatory reading - The Lancet 2015: Planetary health: a new science for exceptional action - Transdisciplinary Research Priorities for Human and Planetary Health in the Context of the 2030 Agenda for Sustainable Development - Writing a scientific article: A step-by-step guide for beginners - HERA EU Research Agenda							
Learning objectives: The aim of this module is to acquire skills in scientific writing and to gain insight into inter- and transdisciplinary research in the field of planetary health.							
Learning contents: The course will introduce the basics of scientific writing. It will consist of overview presentations about essential elements, including writing an introduction, methods, results, and conclusion section, visualising results, writing an abstract, and developing a title. In addition, students will learn about different types of journals, factors to consider when selecting a journal, the peer-review process, and how to respond to reviewer comments. Each class will consist of a theoretical introduction to these topics, and the practical application of this knowledge. In addition, most classes will include a group presentation of students, discussing an existing paper in the field of planetary health.							
Type and scope of the courses: Seminar (2 hours per week)							

Fak721278: Mandatory Internship (Praktikum)			
Valid from: 01.10.2020			
Teaching language: English	Duration: one semester	Contact hours: 0	Link to HTML page 
Credit points: 10	Frequency: every semester	Self-study hours: 300	
Person responsible for the module: Prof. Dr. Tim Dorlach			
Description of coursework and examinations:			
Title:		Weight:	
Report (ungraded)		100	
Prerequisites: None			
For more information, see the current version of the Guidelines for the mandatory internship in the study programme "Global Food, Nutrition and Health" (M.Sc.)			
Learning objectives: Students gain practical experience related to their study programme and their professional career goals. They can apply their theoretical knowledge in practical activities or research and also improve their soft skills.			
Learning contents: depending on internship place			
Type and scope of the courses: full-time internship of (at least) 8 weeks or equivalent part-time internship			

Fak721239: Master Thesis – Global Food, Nutrition and Health			
Valid from: 01.10.2020			
Teaching language: German/English	Duration:	Contact hours:	Link to HTML page 
Credit points: 30	Frequency: every semester	Self-study hours: 900	
Person responsible for the module: All professors			
Description of coursework and examinations:			
Title:		Weight:	
Master Thesis		100	
Prerequisites: It is recommended to have completed the modules from semesters 1-3			
Learning objectives: Students acquire the ability to work independently on a comprehensive research question within a given period using scientific methods. In addition to the technical competence required for this, students have further developed their methodological competence and self-competence in the process.			
Learning contents: Formulating an adequate research question (topic identification), developing a concept, literature research, data collection and evaluation or literature and source analysis, writing a scientific thesis.			
Type and scope of the courses: Independent research under supervision			

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