JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN

Faculty 09

Summer Semester 2026

As of 12.03.2026

Module Directory

Faculty 09 - Agricultural Sciences, Nutritional Sciences and Environmental Management

"Transition Management" Master Degree Course Modules

Please consult the timetable or current university calendar for information regarding dates and room numbers of the modules taught in the course:

http://www.uni-giessen.de/cms/fbz/fb09/studium/msc/stpl

Core Modules

MK-067-EN-DI	MK-067-EN-DI Theory and Practice of Economic Development Theory and Practice of Economic Development	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: WS 2021/22 Intake capacity: not limited	1. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Transition Management, Master (1.); Sustainable Transition, Master (1.);

Prerequisites for Participation: None

Learning Outcomes:
Students
- are familiar with key concepts for analysing economic development.
- are able to apply them to a range of current development topics.
- are aware of the role of natural resources and institutions in the process of development.
- consider economic development as a multidisciplinary topic and are enabled to integrate viewpoints from neighbouring social sciences into a problem-centred approach

Module Content:
- Models of growth & development
- Trade & globalisation
- Development strategy & industrial policy
- Resource curse
- Land tenure
- Environment & the commons
- Institutions & development

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	60	120
Seminar		
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Written examination and assignments (5-10) or assignments (5-10)
- Components of final grade: Written examination (40 %), assignment (60 %) or assignment (100 %)
- Form of module retake examination: Written examination and assignments (5-10) or assignments (5-10)

Language: English

MK-068-EN	MK-068-EN Empirical Research Methods Empirical Research Methods	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: WS 2015/16 Intake capacity: not limited	1. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Transition Management, Master (1.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have acquired knowledge of general principles of various qualitative and quantitative research methods as well as evaluation research
- are able to understand the application of various methods with regard to research objectives

Module Content:
- Principles of applied statistics
- Correlation and causality
- Basic approach of econometrics
- Basic introduction to simple and multiple regression analysis
- Collecting and analysing panel data
- Designing of surveys, interviews, questionnaires
- Qualitative data collection techniques
- Qualitative data analysis
- Mixed methods

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: Written examination or written examination, seminar paper (4-5 pages) and poster

Module Examination:
- Form(s) of assessment: Written examination (100 %) or written examination (70 %), seminar paper (15 %), poster (15 %)
- Components of final grade: Written examination
- Form of module retake examination:

Language: English

MK-070-EN	**MK-070-EN Business Administration and Sustainability Management**	6 CP
	Business Administration and Sustainability Management	
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Business Administration of the Agricultural and Food Sector	2. Sem.;
	Offered for the first time: SS 2016	
	Intake capacity: 50	

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural Production Economics

Applies to the Study Programmes: Transition Management, Master (2.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- are familiar with basic and advanced methods of business accounting;
- are able to model managerial decision problems by adequate cost-benefit calculations and other methods of Operations Research;
- understand the global sustainability challenges of the 21st century;
- are able to define economic, social and governance (ESG) risks of companies in different contexts;
- can include ESG factors in a company strategy with bases on the context and expectations of the stakeholders.

Module Content:
- Internal and external business accounting
- Analysis of production functions and marginal effects calculus
- Optimisation with constraints
- Linear Programming

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	36	72
Seminar		
Practical training		
Exercises	24	48
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Written examination
- Components of final grade: Written examination (100%)
- Form of module retake examination: Written examination

Language: English

<table>
<tr><td rowspan="2">MK-101-EN</td><td>MK-101-EN International Law</td><td rowspan="2">6 CP</td></tr>
<tr><td>International Law</td></tr>
<tr><td rowspan="3">Core Module / Optional Module</td><td>Law / Law</td><td rowspan="3">1. Sem.;</td></tr>
<tr><td>Offered for the first time: WS 2015/16</td></tr>
<tr><td>Intake capacity: not limited</td></tr>
<tr><td colspan="3">Frequency and Duration: WS, 1 Semester</td></tr>
<tr><td colspan="3">Module Coordinator: Chair for Public Law and International Law</td></tr>
<tr><td colspan="3">Applies to the Study Programmes: Transition Management, Master (1.);</td></tr>
<tr><td colspan="3">Prerequisites for Participation: None</td></tr>
<tr><td colspan="3">Learning Outcomes:
The students
• have a basic understanding of the role of law and legal systems in economic and social change
• have an understanding of main principles of public international law
• are familiar with the main sources and principles of international economic law
• are familiar with the most popular regimes of international commercial arbitration
• understand the importance of national law for economic and social change
• are able to evaluate legal reforms</td></tr>
<tr><td colspan="3">Module Content:
Part A (Public International Law I)
• scope and nature of international law
• the making of international law
• states, including issues of territory, population and jurisdiction
• state responsibility
• immunities and human rights
• international organizations
• arbitration and the International Court of Justice
• the use of force by states

Part B (Public International Law III)
• principles of international economic law
• WTO institutions
• investment law</td></tr>
</table>

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	60	120
Seminar		
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: 2 written examinations (120 min each)
- Components of final grade: Written examination (100 %)
- Form of module retake examination: 2 written examinations (120 min each) or 2 oral examinations (20 min each)

Language: English

MK-102-EN-DI	MK-102-EN-DI Global Food Markets Global Food Markets	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: WS 2021/22 Intake capacity: 45	1. Sem.; 1.-4. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural and Food Market Analysis

Applies to the Study Programmes: Sustainable Transition, Master (1.); Profil GT, WW, Master (1.-4.); Transition Management, Master (1.);

Prerequisites for Participation: None

Learning Outcomes:

The students

- are familiar with the global trends shaping the world food economy, can identify the key drivers of change in agri-food markets and understand the relationships within complex food systems;
- understand the effects of past and current events on supply and demand in global food markets in general and on food prices, food security, and food safety in particular;
- can describe the causes and consequences of international trade for sustainable development by drawing on economic principles and models of international trade;
- know potential impact pathways how agriculture, trade and global food systems can contribute to achieving the Sustainable Development Goals (SDGs) and can identify potential trade-offs;
- can analyze the effects and welfare implications of agricultural trade policy (e.g., tariffs and quotas) and domestic food policy schemes (e.g., subsidies, taxes) using partial equilibrium models;
- can outline traditional and modern organizational structures of agricultural and food markets and critically reflect on risks and opportunities of global value chains;
- know about the role of consumers and multinational organizations in shaping food markets and value chains;
- strengthen their communication and cooperation skills through group work and can critically reflect on their own results and points of view and those of others.

Module Content:

- The globalization of the agri-food sector and changing diets
- Conceptual and empirical analysis of agricultural trade and global food markets
- Food security, food prices, and SDG 2: Zero hunger
- Food safety and food quality issues
- The role of private and public food standards in global food markets
- The role of consumers in shaping food markets
- Selected agricultural trade and food policy interventions

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Assignments and presentation or assignments or assignments and project work
- Components of final grade: Assignments (50 %) and presentation (50 %) or assignments (100 %) or assignments (50 %) and project work (50 %)
- Form of module retake examination: Assignments

Language: English

MK-103-EN	MK-103-EN Power and Democracy	6 CP
	Subtitle varies each semester; please see Stud.IP	
Core Module / Optional Module	Social Sciences and Cultural Studies / Department of Political Science	1.-4. Sem.;
	Offered for the first time: WS 2015/16	
	Intake capacity: not limited	

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Political Theory and History of Thought

Applies to the Study Programmes: Transition Management, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- are able to reconstruct the different meanings of two contested concepts: power and democracy;
- are familiar with presenting their own scientific work;
- know how to write a scientific paper.

Module Content:
- tension between the ideal and the real
- emergence of the surveillance society
- relation between power and property
- digital divide
- decline of the public sphere
- threats of media power
- political representation
- pluralism and tolerance
- constraints of public resistance and cosmopolitanism

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	60	120
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Presentation (7-10 min.) and seminar paper (7-10 pages) or presentation (7-10 min.) and oral exam or presentation (7-10 min.) and written exam
- Components of final grade: Presentation (20%); seminar paper or oral exam or written exam (80%)
- Form of module retake examination: Presentation and seminar paper or presentation and oral exam or presentation and written exam

Language: English

MK-132-EN-DI	MK-132-EN-DI Planetary Thinking Planetary Thinking	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2025 Intake capacity: not limited	2. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Planetary Change and Politics

Applies to the Study Programmes: Transition Management, Master (2.); Sustainable Transition, Master (2.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- are able to adopt a planetary perspective on challenges and critically reflect on their relevance;
- can identify, explain, and evaluate key concepts, topics, and scenarios of planetary thinking in relation to Earth's habitability;
- are capable of critically analyzing publications in this field and situating these contributions within the state of research;
- can develop a well-informed opinion on conflicting positions and debates in planetary thinking and articulate these in discussions.

Module Content:
- Perspectives: The origins of planetary thinking are examined, and the development of key frameworks is traced
- Concepts: Key concepts integral to planetary thinking are introduced, discussed, and interrelated
- Constellations: The diverse phenomena interconnected through their planetary character are analyzed
- Scenarios: Emerging scenarios on and beyond our home planet are explored

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	12	24
Seminar	48	96
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Written Assignment (2500 words) and multimedia presentation (1 infographic, time frame: 4 weeks)
- Components of final grade: Written Assignment (50 %), Multimedia presentation (50 %)
- Form of module retake examination: Seminar paper (5000 words, time frame: 4 Wochen)

Language: English

02-Wiwi:NF/M-VWL-1 Transition and Integration Economics

https://www.uni-giessen.de/mug/7/pdf/7_35/NF/7_35_NF_02_ANL2_WS20_21

https://www.uni-giessen.de/mug/7/findex35.html/7_35_NF/7_35_NF_02

Profile Modules

MK-080-EN-DI	MK-080-EN-DI Resource Economics and Sustainable Development Resource Economics and Sustainable Development	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2022 Intake capacity: not limited	1./2. Sem.; 2. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Agrar- und Ressourcenökonomie, Master (1./2.); Sustainable Transition, Master (2.);

Prerequisites for Participation: None

Learning Outcomes:

The Students

- know basic management/decision rules of optimal resource use;
- understand the concepts of static and dynamic efficiency of resource use;
- understand the concept and the meaning of externalities;
- understand the theoretical concepts of sustainability and optimal use of (non-) renewable resources;
- know the characteristics of energy/electricity markets with fossil and renewable energies;
- are familiar with the current climate and energy policy.

Module Content:

- Natural resources
- Renewable and non-renewable resources
- The sustainability problem
- Sustainable economic development
- Static and dynamic efficiency
- Overview of energy markets with renewable energies
- Electricity and its technical and economic characteristics
- Climate change and climate policy (emissions trading)

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	60	120
Seminar		
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Assignments (4-8) or written exam or written exam and assignments (4-6)
- Components of final grade: Assignments (100 %) or written exam (100 %) or written exam (50 %), assignments (50 %)
- Form of module retake examination: Assignments (4-6) or oral examination

Language: English

MK-096-EN	MK-096-EN Sustainable Agroecosystems	6 CP
	Sustainable Agroecosystems	
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agronomy and Plant Breeding II	1./2. Sem.;
	Offered for the first time: SS 2019	
	Intake capacity: 40	

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Organic Farming

Applies to the Study Programmes: Nutzpflanzenwissenschaften, Master (1./2.);

Prerequisites for Participation: None

Learning Outcomes:

The students

- get insight knowledge in to the complexity of temperate and tropical agroecosystems under integrated, organic and agro-ecological production;
- can list and explain different biophysical factors, processes and interactions that control the functioning of agroecosystems;
- are able to critically examine agricultural practices and management strategies to increase/stabilize productivity and resource use efficiency, while minimizing negative impacts on the environment and ensuring socio-economic viability;
- practice scientific observation in the field;
- practically apply agroecologic principles;
- can explain and give examples of environmental and socio-economic challenges of farming enterprises;
- are able to address a topic by means of scientific methodologies.

Module Content:

- Agriculture from a systems perspective
- Principles of agricultural sustainability
- Principles of integrated production, organic farming and agroecology
- Sustainability impacts of temperate and tropical agroecosystems covering the main crop commodities and land use systems (Arable, grassland, horticulture)
- Farming system innovations (e.g. agroforestry, relay cropping,push-pull systems)
- Introduction to action research
- Practical work in an experimental garden
- Writing and presenting own contributions to the given topics
- How to access a topic scientifically? Evaluation of various media sources (from brochure to scientific paper) for further successful communication and dissemination of climate change issues.
- Excursions to research and private farms

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	40	80
Practical training		
Exercises		
Excursion	20	40
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Seminar paper (4-6 pages) and oral examination
- Components of final grade: Seminar paper (50%), oral examination (50%)
- Form of module retake examination: Oral examination

Language: English

MK-106-EN-DI	**MK-106-EN-DI Sustainable Food Systems** **Sustainable Food Systems**	**6 CP**
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agronomy and Plant Breeding II Offered for the first time: SS 2022 Intake capacity: 30	2. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Organic Farming

Applies to the Study Programmes: Sustainable Transition, Master (2.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- Can apply inter- and transdisciplinary research approaches (e.g. participatory research, action research)
- Can analyse their own food systems
- Know about best practices of sustainable food system components
- Are able to critically examine food systems and suggest improvements
- Are able access and address a topic by means of scientific methodologies

Module Content:
- Widening the focus from farming/agroecosystems to food systems
- Methods to assess the sustainability of different food systems
- Components of sustainable food systems (agricultural production, transformation, logistics, …)
- Food system innovations (e.g. Food Policy Councils, Community Supported Agriculture, Food Saving)
- Discussions with local food system stakeholders
- Writing and presenting own contributions to the given topics

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Project work
- Components of final grade: Project work (100 %)
- Form of module retake examination: Oral exam

Language: English

MK-107-EN-DI	**MK-107-EN-DI Natural Resources and Ecosystem Services** **Natural Resources and Ecosystem Services**	**6 CP**
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Landscape Ecology and Resources Management Offered for the first time: SS 2019 Intake capacity: 30	2. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Land Use Systems with focus on Agroforestry

Applies to the Study Programmes: Sustainable Transition, Master (2.);

Prerequisites for Participation: None (Basic knowledge of environmental processes and GIS recommended)

Learning Outcomes:
The students
- understand the concept of ecosystem services;
- know how to estimate ecosystem services using InVEST;
- are able to assess and evaluate natural resources with regard to multiple ecosystem services for an individual project.

Module Content:
- Introduction to the concept of supporting, regulating, provisioning and cultural ecosystem services
- Identification and understanding of multiple ecosystem services provided by different ecosystems
- Repetition of GIS software
- Learning how to use and analyse spatial datasets with InVEST
- Evaluate and use results in the frame of a decision support analysis

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	20	40
Seminar		
Practical training		
Exercises	40	80
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Seminar paper (5 - 7 pages) and presentation (10 - 15 min)
- Components of final grade: Seminar paper (70 %), presentation (30 %)
- Form of module retake examination: Revision of the seminar paper or oral examination

Language: English

MK-109-EN-DI	MK-109-EN-DI Climate Change and Economic Development Climate Change and Economic Development	6 CP
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: WS 2019/20 Intake capacity: 30	1. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Sustainable Transition, Master (1.);

Prerequisites for Participation: None

Learning Outcomes:
The Students
- are aware of the international challenges in dealing with climate change;
- understand the climate change risks in different developing regions;
- are able to discuss the potential of climate change mitigation and adaptation strategies and ways to implement and finance them.

Module Content:
- Climate change and economic development in low-income countries
- The effects of climate change on the agricultural sector
- Coastal regions and islands that are endangered by flooding
- Migration and conflicts as possible consequences
- The potential of renewable energies in transition and developing countries

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	10	20
Seminar	50	100
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Seminar paper (15-25 pages) or seminar paper (10-15 pages) and presentation (10-15 min.) or presentation (15-20 min.)
- Components of final grade: Seminar paper (100 %) or seminar paper (50 %), presentation (50 %) or presentation (100 %)
- Form of module retake examination: Revision of the seminar paper or oral examination

Language: English

MK-110-EN-DI	**MK-110-EN-DI Food Politics** **Food Politics**	**6 CP**
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Consumer Research, Communication and Food Sociology Offered for the first time: SS 2022 Intake capacity: 30	2. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Food Sociology

Applies to the Study Programmes: Sustainable Transition, Master (2.);

Prerequisites for Participation: none

Learning Outcomes:
The students

- understand historical developments of public debates in the arena of food and politics and thereby develop the ability to question norms, practices and opinions and to take an own position in the sustainability discourse;
- distinguish the political and moral meaning of food to reflect their own role in local communities and global society;
- analyse problems and developments around consumption, production and regulation in food systems to identify and understand relationships;
- formulate an argument about a specific food problem in order to understand and reflect on the norms and values underlying actions. A special focus lies on sustainability-related values, principles and goals, being able to negotiate them in the context of conflicts of interest and necessary compromises, of uncertain knowledge and contradictions;
- critically reflect the approaches of various actors who aim to influence the food system and apply different problem-solving approaches to complex sustainability problems.

Module Content:
This module introduces you to food as a political issue such as hunger, food security, malnutrition, sustainability, power politics, social justice or cultural identity. Food politics is about the political nature of food from fork to farm as well as from local to global levels. Topics might include:

- food production safety, labelling, and nutrition;
- environmental concerns ranging from organic farming and sustainable agriculture to consumption and waste disposal;
- politics of specific foods and foodways (e.g. fast food, genetically modified foods, etc.);
- ethics of animal care and vegetarianism as politics of the everyday;
- politics of hunger and malnutrition food movements (e.g. slow food movement, food sovereignty movement) and other stakeholders.

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	30	80
Practical training		
Exercises	30	40
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Written report (12 to 15 pages) or oral examination
- Components of final grade: Written report (100 %) or oral examination (100%)
- Form of module retake examination: Revision of the written report or oral examination

Language: English

MK-123-EN-DI	**MK-123-EN-DI Transdisciplinary Sustainability Research** **Transdisciplinary Sustainability Research**	**6 CP**
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Consumer Research, Communication and Food Sociology Offered for the first time: WS 2022/23 Intake capacity: 30	1. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Communication and Engagement in Agricultural, Nutritional and Environmental Sciences

Applies to the Study Programmes: Sustainable Transition, Master (1.);

Prerequisites for Participation: None

Learning Outcomes:
The students

- gain a comprehensive, interdisciplinary perspective on sustainability science: its theory, research horizons, and practical applications,
- understand how multiple disciplines contribute to the understanding of interactive social-environmental systems and to the capacity for guiding such systems in a transformation toward sustainability,
- gain insight into the possibilities and limitations of research and its role in society,
- are able to critically assess and approach current challenges for sustainable development from various perspectives,
- are able to demonstrate the ability to integrate knowledge and gain specialised methodological knowledge for transdisciplinary research
- develop communication skills required for participation in inter- and transdisciplinary teams.

Module Content:

- Origins of the concept of sustainable development and its challenges,
- Applications across regions will be woven into discussions,
- Core ideas of sustainability science,
- Social-environmental systems as complex systems,
- Understanding of inter- and transdisciplinary research and collaboration,
- Qualitative research methods for transformative sustainability research,
- Challenges of knowledge integration and linking knowledge with action for sustainable development,
- Role of communication in transdisciplinary research and transformation processes.

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	18	36
Practical training		
Exercises	42	84
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment:
- Components of final grade:
- Form of module retake examination:

Language: English

MK-127-EN	MK-127-EN Socio-Economic Perspectives on Food Systems	6 CP
	Socio-Economic Perspectives on Food Systems	
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research	1./2. Sem.;
	Offered for the first time: SS 2023	
	Intake capacity: not limited	

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Nachhaltige Ernährungswirtschaft, Master (1./2.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- know the many representations and definitions of food systems;
- understand the conceptual difference between value chains and food system;
- understand the analytical consequences of a system representation of human nutrition systems;
- know the current streams of economic thinking applied to food systems;
- know the current streams of socio-political thinking applied to food systems;
- know indicators for assessing the sustainability of food systems;
- have knowledge of the theoretical approaches to alternative nutrition systems.

Module Content:
- Introduction to food systems: a small history of the concept
- Food Systems as socio-ecological systems
- Modeling food systems
- Economics and food systems
- Feminist economics, food systems and nutrition
- Food systems, food sovereignty and justice
- Alternative and decolonizing food systems
- In pursuit of sustainable food systems

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	20	40
Seminar	40	80
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Seminar paper (1000-3000 words) or written examination or presentation (10-30 min.) with written assignment (4-12 pages)
- Components of final grade: Seminar paper (100 %) or written examination (100 %) or presentation with written assignment (100 %)
- Form of module retake examination: Revision of the seminar paper or written examination or revision of the written assignment

Language: English

MP-007-EN	MP-007-EN Food and Nutrition Security and Development Food and Nutrition Security and Development	6 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Offered for the first time: SS 2016 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of International Food and Nutrition Security

Applies to the Study Programmes: Profil englisch, Master (1.-4.);

Prerequisites for Participation: none

Learning Outcomes:
The students

- have a good understanding of all relevant topics in international food and nutrition security;
- are able to understand how these topics will contribute to food and nutrition security, using the UNICEF conceptual framework of malnutrition and death“;
- have a coherent knowledge of the management (including prevention, assessment & treatment) of all forms of malnutrition (marasmus, kwashiorkor, under- and overweight, stunting, wasting, micronutrient malnutrition);
- know basics of anthropometric measurements and other diagnostic tools;
- know preconditions of food and nutrition security;
- understand the contributions, advantages and disadvantages of international food assistance;
- know the importance of gender mainstreaming in nutrition security.

Module Content:

- Concept of Food and Nutrition Security (Unicef Modell)
- “Nutrition Transition, Double Burden of Malnutrition”
- Pathophysiology of malnutrition (Marasmus, Kwashiokor, Micronutrient malnutrition)
- Determinants of Food Security
- Population Development and Nutrition Security
- Food Assistance: Opportunities, Advantages and Disadvantages
- Anthropometric measurements
- Food Diversity and Assessment of Dietary Diversity (Dietary Diversity Scores)
- Healthy Environment (WASH and Food Safety) and Health Problems
- World Market and Fair Trade
- Gender and Nutrition Security
- Health Systems and Common Sicknesses (Including Management)

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Essay (10 pages) and presentation (20-30 min.)
- Components of final grade: Essay (50 %), presentation (50 %)
- Form of module retake examination: Essay (10 pages) and presentation (20-30 min.)

Language: English

MP-181-EN	MP-181-EN Gender and Development Gender and Development	6 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2019 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have basic understanding of gender terms, get acquainted with the gender glossary;
- are able to take part in scientific discussions on the subject;
- are able to independently prepare a selected topic, take a reflective, critical review as well as applying gender lenses and perspectives.

Module Content:
- Introduction to gender and development
- Gender roles, changing relationships
- Decision making and empowerment
- Gender and natural resource management
- Gender, assets and inputs
- Gender and agricultural labour
- Time allocation and the economic role of women in agriculture
- Nutrition and Gender
- Knowledge, methods and access to information, technology
- Gender sensitive academic research and development projects

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	60	120
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Presentation (20 min.) and seminar paper (3-5 pages)
- Components of final grade: Presentation (40 %) and seminar paper (60 %)
- Form of module retake examination: Revision of the seminar paper

Language: English

MP-184-EN	**MP-184-EN Democracy and Postcoloniality** **Subtitle varies each semester; please see Stud.IP**	**6 CP**
Optional Module	Social Sciences and Cultural Studies / Department of Political Science Offered for the first time: SS 2020 Intake capacity: not limited	1./3. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Political Theory and History of Thought

Applies to the Study Programmes: Profil englisch, Master (2./4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- are introduced to normative theories of democracy with a focus on the classical canon of European and American Political Thought;
- will gain knowledge of fundamental concepts in democratic theory, particularly political legitimacy, equality, participation and representation;
- will broaden their knowledge beyond the classical canon of democratic theory by exploring feminist, non-Western, race critical, and postcolonial theories, criticisms, and models of democracy;
- will deepen their understanding of recent debates about the crisis of democracy and will learn to discuss political, social, and economic challenges inherent to modern democracies in a postcolonial world.

Module Content:
- Conceptions of Democracy in Modern Political Thought
- The Classical and the Secret History of Democracy
- The Moral and the Undemocratic Foundations of Democracy: Coloniality, Gender, Class, Race
- Democracy and the Rule of Law, Human Rights, and Justice
- Transnational, Global, and Cosmopolitan Democracy
- Critics of Democracy within Western and non-Western Political Thought
- Migration, Refugees, and the Limits of Democratic Citizenship
- Problems of External Democracy Promotion
- The Crisis of Liberal Constitutional Democracy and the Challenges of Authoritarianism, Populism, and Neoliberalism
- Alternative Models of Democracy Beyond Liberalism and the Rule of Law (Abolition Democracy, Ecological Democracy, Radical Democracy, Politics of the Commons, etc.)
- Democracy and Postcoloniality in the Global South and North

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	30	150
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Presentation and seminar paper or presentation and oral examination or presentation and written examination
- Components of final grade: Presentation (20 %), seminar paper (80 %) or presentation (20 %), oral examination (80 %) or presentation (20 %), written examination (80 %)
- Form of module retake examination:

Language: English

MP-186	**MP-186 Business Administration for Scientists** **Business Administration for Scientists**	**6 CP**
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Nutritional Sciences Offered for the first time: WS 2019/20 Intake capacity: not limited	1.-4. Sem.;

Frequency and Duration: WS, 1 Semester		
Module Coordinator: Chair of Biochemistry and Molecular Biology		
Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);		
Prerequisites for Participation:		
Learning Outcomes:		
Module Content:		
Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	
Prerequitistes for Examination:		
Module Examination: • Form(s) of assessment: • Components of final grade: • Form of module retake examination:		
Language: German and/or English		

MP-196	MP-196 Internship Berufspraktikum	12 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Offered for the first time: WS 2019/20 Intake capacity: not limited	1. - 4. Sem.;

Frequency and Duration: WS and SS, 1 Semester

Module Coordinator: Study deanery

Applies to the Study Programmes: Profil englisch, Master (1. - 4.); Profil, Master (1. - 4.);

Prerequisites for Participation: Keine

Learning Outcomes:
The Students
- gain in-depth experience as interns in future fields of activity and professions;
- have practical knowledge and skills from their internship companies and understand the connection between study and practice;
- concretise their personal career perspectives (career planning).

Module Content:
- Development of future occupational fields
- Practical experience in companies in the fields of agricultural sciences, environmental sciences, ecotrophology and nutritional sciences
- Reflection on one's own practical professional activity

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar		
Practical training	360	
Exercises		
Excursion		
Total:	360	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Internship report (tasks, activities, acquired knowledge and skills, reflection). The report must be assessed as "passed".
- Components of final grade: Formation of the module mark: ungraded performance
- Form of module retake examination: Revision of the internship report

Language: German and/or English

MP-208-EN-DI	**MP-208-EN-DI Concepts of Ecological Economics** **Concepts of Ecological Economics**	**6 CP**
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2020 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Profil englisch digital, Master (1.-4.); Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students

- know about ecological economics and political ecology as analytical concepts to assess challenges in the sustainable use of natural resources in the world, and especially natural resource use conflicts between different agents.
- understand the difference between neo-classical economic models, environmental economics and ecological economics.
- can explain the basic assumptions held in ecological economics
- can identify work domain in which ecological economics is appropriate and formulation questions which can be answered by using approaches rooted in ecological economics.
- know by name and by basic concept several different analytical methods used in ecological economics
- know in-depth about one analytical methods and are in a position to convey their knowledge to peers

Module Content:

- Introduction to ecological economics and position with regard to other neo-classical economics of natural resources
- Context of use of ecological economics and history of development: conflicts in natural resource use
- Main assumptions underlying ecological economics
- Different methods and approaches used in ecological economics studies
- Role of political aspects in the use of natural resources

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	20	40
Seminar	40	80
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Homework, presentation (10-30 min.) with written report (between 4 and 12 pages) and seminar paper (1000 bis 2500 Wörter)
- Components of final grade: Homework (30 %), presentation with written report (40 %) and seminar paper (30 %)
- Form of module retake examination: Oral examination

Language: English

MP-211-EN-DI	**MP-211-EN-DI Agriculture, Ecosystem Functioning and Climate Change** **Agriculture, Ecosystem Functioning and Climate Change**	**6 CP**
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Landscape Ecology and Resources Management Offered for the first time: WS 2020/21 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Landscape Ecology and Landscape Planning

Applies to the Study Programmes: Profil englisch digital, Master (1.-4.); Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- understand the importance of climatic conditions and effects of climate change for agricultural production and ecosystem functioning;
- understand the biochemical processes in agriculture resulting in greenhouse gas emissions and carbon sequestration;
- know how to quantify greenhouse gas emissions from agriculture on local to regional scales;
- know measures in agriculture to mitigate and adapt to climate change.

Module Content:
- Abiotic controlling factors in agriculture and for ecosystem functioning
- Biochemical processes of CO2, nitrous oxide and methane release in agriculture
- Calculation methods of greenhouse gas emissions from agriculture on various spatial scales
- Climate as driver of biodiversity change
- Climate mitigation and adaptation strategies in agriculture
- CO2 footprints of agricultural products

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	40	80
Seminar		
Practical training		
Exercises	20	40
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Written examination, presentation (15-20 min.) and written assignment (15-20 pages)
- Components of final grade: Written examination (50 %), presentation (25 %), written assignment (25 %)
- Form of module retake examination: Written examination

Language: English

MP-220-EN-DI	**MP-220-EN-DI Special Topics of the UN Sustainable Development Goals I**	6 CP
	Special Topics of the UN Sustainable Development Goals I	
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research	1.-4. Sem.;
	Offered for the first time: WS 2022/23	
	Intake capacity: 30	

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural and Food Market Analysis

Applies to the Study Programmes: Profil englisch, Master (1.-4.); Profil englisch digital, Master (1.-4.); Profil, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have in-depth knowledge of the discussed subject;
- know the theoretical basics of the field and important empirical applications;
- are able to apply their knowledge of research methods to selected scientific issues;
- are capable to conduct their own project work.

Module Content:
- Current topics of the research field

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Assignments and project work or oral examination and project work or oral examination
- Components of final grade: Written assignments (50 %) and project work (50 %) or oral examination (50 %) and project work (50 %) or oral examination (100 %)
- Form of module retake examination: Written assignments or oral examination

Language: English

MP-221-EN-DI	MP-221-EN-DI Special Topics of the UN Sustainable Development Goals II	6 CP
	Special Topics of the UN Sustainable Development Goals II	
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research	1.-4. Sem.;
	Offered for the first time: WS 2022/23	
	Intake capacity: 30	

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agricultural and Food Market Analysis

Applies to the Study Programmes: Profil englisch digital, Master (1.-4.); Profil englisch, Master (1.-4.); Profil, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have in-depth knowledge of the discussed subject;
- know the theoretical basics of the field and important empirical applications;
- are able to apply their knowledge of research methods to selected scientific issues;
- are capable to conduct their own project work.

Module Content:
- Current topics of the research field

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Assignments and project work or oral examination and project work or oral examination
- Components of final grade: Written assignments (50 %) and project work (50 %) or oral examination (50 %) and project work (50 %) or oral examination (100 %)
- Form of module retake examination: Written assignments or oral examination

Language: English

MP-222-EN	MP-222-EN Introduction to International Trade Introduction to International Trade	6 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2021 Intake capacity: not limited	1.-4. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- will understand the relevance of international trade with its different facets for our world
- will understand drivers, mechanisms and effects of international trade
- will understand the distributional and welfare effects of trade policy
- will understand how they can critically judge policy news with expert their knowledge

Module Content:
- the world economy: historical developments and descriptive statistics of international trade
- main exporters, importers and traded goods; the role of developing countries and agricultural goods
- basic models of international trade and graphical trade policy analysis
- foreign direct investments, technological progress, environmental effects and the ideas of advanced trade models

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	48	72
Seminar		
Practical training		
Exercises	12	48
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Written examination or assignments (4-8) or oral examination
- Components of final grade: Written examination (100 %) or assignments (100 %) or oral examination (100 %)
- Form of module retake examination: Written examination or assignments (4-8) or oral examination

Language: English

MP-224-EN	**MP-224-EN International Agricultural Development** **International Agricultural Development**	**6 CP**
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2021 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- gain insight into current scientific debates and research results
- gain a deeper understanding of the underlying economic mechanisms as well as critical assessments of agricultural development theory and policy;
- know about the major action arenas in international agricultural development;
- get familiarized with the leading international case studies of success and failure in agricultural development.

Module Content:
- Conceptual & methodological preliminaries of international agricultural development
- Rural vs. urban development, migration
- Land relations
- Labour relations
- Credit & insurance
- Gender relations
- Farm organisation
- Intensification & resource depletion
- Innovation
- Livestock
- Value chains
- Agricultural policy for economic development

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	60	120
Seminar		
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Written examination or seminar paper (15-20 pages) or written examination and seminar paper (10-15 pages)
- Components of final grade: Written examination (100 %) or seminar paper (100 %) or written examination (50 %), seminar paper (50 %)
- Form of module retake examination: Written examination or revision of the seminar paper or written examination and revision of the seminar paper

Language: English

MP-246-EN	MP-246-EN Transition to a Sustainable Bioeconomy Transition to a Sustainable Bioeconomy	6 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agronomy and Plant Breeding I Offered for the first time: WS 2022/23 Intake capacity: not limited	1.-4. Sem.;

Frequency and Duration: WS, 1 Semester

Module Coordinator:

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have knowledge of origin and evolution of the Bioeconomy;
- have insight into genetic and environmental factors influencing primary production in agricultural crops;
- have an overview of Knowledge base for biobased value chains;
- have an appreciation of Bioeconomy strategies and Policies.

Module Content:
- History and development of bioeconomy: Policies and progress in different countries
- Overview of crop types: annual v perennial, C3 v C4
- Biomass yield: potential, attainable and actual with crop modelling
- Biomass utilisation cascades: actual and potential
- Recent projects running in different countries
- Sustainability criteria, life cycle assessment

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	20	
Seminar	10	
Practical training	4	
Exercises		
Excursion	12	
Total:	46	

Prerequitistes for Examination:

Module Examination:
- Form(s) of assessment:
- Components of final grade:
- Form of module retake examination:

Language: English

MP-252-EN-DI	MP-252-EN-DI Sustainable Water Management Sustainable Water Management	6 CP
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: WS 2023/24 Intake capacity: 30	1.-4. Sem.;

Frequency and Duration: SS, 1 Semester

Module Coordinator: Chair of Agricultural, Food and Environmental Policy

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- are able to identify and evaluate advanced literature on current (research?) topics and summarize and present the current state of research;
- are able to get involved in scientific discussions and develop them further;
- are able to make a critical and well-founded statement on specific topics and can develop them further.

Module Content:
- Water Resources, Water Governance and Management
- Water Security: from Concept to Reality
- Integrated Water Resources Management: Principles and Instruments
- Socio-Technical Aspects of Water Resources Management
- Water Management Under Uncertainty: Climate and Water
- Transboundary Water Resources Management
- Water Diplomacy
- Agenda 2030 And SDG 6 (Clean Water and Sanitation)
- SDG Interlinkages – Synergies & Tradeoffs

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	60	120
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Presentation (15–20 Min.) with written assignment (5–7 pages) or seminar paper (15–20 pages) or written examination and presentation (15–20 Min.)
- Components of final grade: Presentation (50 %) with written assignment (50 %) or seminar paper (100 %) or written examination (50 %) and presentation (50 %)
- Form of module retake examination: Revision of the written assignment or revision of the seminar paper or oral exam

Language: English

MP-255-EN-DI	MP-255-EN-DI Entrepreneurship in action – Entrepreneurial Diversity	6 CP
	Entrepreneurship in action – Entrepreneurial Diversity	
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Business Administration of the Agricultural and Food Sector	1.-4. Sem.;
	Offered for the first time: WS 2024/25	
	Intake capacity: not limited	

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Agribusiness Management and Food Economics

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.); Profil englisch digital, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- have knowledge about diversity in entrepreneurship, recognize and understand gender bias in economic activities;
- recognize systemic boundaries and cultural prejudices and learn strategies for participation;
- develop solutions to promote inclusion, learn to use the advantages of heterogeneous teams and develop them from the stakeholder perspective of different economic actors.

Module Content:

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	40	80
Seminar	20	40
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment:
- Components of final grade:
- Form of module retake examination:

Language: English

<table>
<tr><td rowspan="2">MP-257-EN-DI</td><td>MP-257-EN-DI Sustainable Diets and Nutrition Security</td><td rowspan="2">6 CP</td></tr>
<tr><td>Sustainable Diets and Nutrition Security</td></tr>
<tr><td rowspan="3">Optional Module</td><td>Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Nutritional Sciences</td><td rowspan="3">1.-4. Sem.;
3. Sem.;</td></tr>
<tr><td>Offered for the first time: WS 2024/25</td></tr>
<tr><td>Intake capacity: 30</td></tr>
<tr><td colspan="3">Frequency and Duration: WS, 1 Semester</td></tr>
<tr><td colspan="3">Module Coordinator: Chair of International Food and Nutrition Security</td></tr>
<tr><td colspan="3">Applies to the Study Programmes: Profil englisch digital, Master (3.); Profil, Master (1.-4.); Profil englisch, Master (3.);</td></tr>
<tr><td colspan="3">Prerequisites for Participation: None</td></tr>
<tr><td colspan="3">Learning Outcomes:
The students
• can critically evaluate relevant literature and publications;
• are able to explain what a sustainable diet is;
• have a basic understanding of the different attributes of sustainable diets, the complexity of sustainable diets as well as synergies and trade-offs;
• can identify some of the challenges and drivers of achieving sustainable diets;
• know about different methods for assessing diets, nutrition and health in a low- and middle-income country context;
• can categorise and present project activities in terms of their potential impact on the food and nutrition security of a region or country.</td></tr>
<tr><td colspan="3">Module Content:
• The role of diet in health/ Global burden of disease
• Nutrient requirements and dietary guidelines
• Environmental impacts on and of diets
• Agrobiodiversity and sustainable diets
• Social, cultural and economic aspects of diets
• Food Environments
• Definition, synergies and trade-offs of sustainable diets
• Drivers and opportunities for change for achieving sustainable diets
• Introduction to the methods of assessments of diets, nutrition and health in low- and middle-income countries
• Methods for participatory project planning in food and nutrition security</td></tr>
</table>

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	26	52
Seminar	26	52
Practical training		
Exercises	8	16
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Presentation (20-30 Min.) with discussion (15-20 Min.) and seminar paper (10 pages) or presentation (20-30 Min.) with discussion (15-20 Min.) and working on tasks (5 pieces)
- Components of final grade: Presentation (40 %) with discussion (10 %) and seminar paper (50) or presentation (40 %) with discussion (10 %) and working on tasks (50 %)
- Form of module retake examination: Oral exam

Language: English

MP-264-EN	MP-264-EN Case Studies Food Systems	6 CP
	Case Studies Food Systems	
Optional Module	Fachbereich/Institut	1.-4. Sem.;
	Offered for the first time: WS 2025/26	
	Intake capacity: 30	

Frequency and Duration: WS, 1 Semester

Module Coordinator: …

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The students
- understand the problems, causes, and implications of the replication crisis in the empirical sciences;
- are familiar with fundamental empirical methods for replicating studies;
- are able to methodically plan their own replication studies and compare their results with original studies;
- have knowledge of publicly accessible data sources and the ability to merge data from multiple sources;
- can critically reflect on methodological decisions in empirical research and their impact on scientific findings.

Module Content:
- Replication crisis in the empirical sciences, particularly in economics
- Theoretical foundations and independent replication of empirical studies
- Introduction to philosophy of science followed by selection of a study for replication
- Replication of a study: summary of the original study, assessment of transparency and reproducibility (including data and, if available, code), interpretation and evaluation of the results
- Presentation of findings including a research report and critical reflection

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture	30	60
Seminar	30	60
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:
- Form(s) of assessment: Presentation (15-20 min.) with written Assignment (3-5 Seiten)
- Components of final grade: Presentation (50 %), written Assignment (50 %)
- Form of module retake examination: Revision of the written Assignment

Language: English

MP-265-EN	MP-265-EN Planetary Methods in the Humanities and Social Sciences	6 CP
	Planetary Methods in the Humanities and Social Sciences	
Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research	1.-4. Sem.;
	Offered for the first time: WS 2025/26	
	Intake capacity: 30	

Frequency and Duration: WS, 1 Semester

Module Coordinator: Chair of Planetary Change and Politics

Applies to the Study Programmes: Profil, Master (1.-4.); Profil englisch, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
Students

- are familiar with key methodological foundations of planetary research;
- are able to analyze and reflect on various methodological approaches from the humanities and social sciences in the context of planetary change;
- can evaluate planetary methods with regard to their epistemological premises, applicability and scope epistemological premises;
- are able to design initial research frameworks and exploratory practice-based projects based on planetary methods.

Module Content:

- Foundations: Introduction to key theoretical and epistemological perspectives in the methodological discourse of planetary research
- Techniques of perceiving, narrating, and measuring: Exploration of methodological approaches for capturing and representing planetary interrelations
- Analyses of space, time, and matter: Methods that examine planetary dynamics across spatial, temporal, and material dimensions
- Practices of acting, combining, and reflecting: Integration and application of selected methods through experimental formats and research-based reflections

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	60	120
Practical training		
Exercises		
Excursion		
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Presentations (two, 15 minutes each), assignments (two), written assignment (2500-3000 words, processing time: 12 weeks)
- Components of final grade: Presentations (20%), assignments (20%), written assignment (60%)
- Form of module retake examination: Revision of the written assignment (100%) or oral presentation (100%)

Language: English

MP-270-EN	**MP-270-EN Field Trips to Sites of Planetary Politics** **Field Trips to Sites of Planetary Politics**	**6 CP**
Core Module / Optional Module	Agricultural Sciences, Nutritional Sciences, and Environmental Management / Department of Agricultural Policy and Market Research Offered for the first time: SS 2026 Intake capacity: 30	1.-4. Sem.; 2./4. Sem.

Frequency and Duration: SS, 1 semester

Module Coordinator: Chair of Planetary Change and Politics

Applies to the Study Programmes: Profil englisch, Master (2.-4.); Profil, Master (1.-4.);

Prerequisites for Participation: None

Learning Outcomes:
The Students

- are able to identify and analyze sites where decisions with planetary impact are prepared or negotiated, and reflect on their significance for world politics;
- can identify key actors, conflict lines, and signals, and assess interactions between local, regional, and global levels;
- are able to thoughtfully select and independently apply appropriate field methods (e.g., observation, guided interviews, data-compliant documentation) and critically evaluate their validity and limitations;
- can structure and interpret their empirical observations, integrate them rigorously with scientific literature, and derive theoretically grounded and transparent conclusions.

Module Content:

- Fundamentals: key concepts and dimensions of planetary politics
- Sites and actors: analysis of central fields of action, involved actors, and planetary indicators based on comparative analytical categories
- Rules and planetary linkages: who is included and has a voice, which rules actually apply on site, and how decisions are connected to planetary indicators
- Analysis and reflection: integration of field observations with scientific literature

Forms of Instruction:	Contact hours	Preparation and follow-up work
Lecture		
Seminar	12	48
Practical training		
Exercises		
Excursion	48	72
Total:	180	

Prerequitistes for Examination: None

Module Examination:

- Form(s) of assessment: Presentation (15 min) and Seminar paper (3,000 words, processing time: 4 weeks)
- Components of final grade: Presentation (20%), Seminar paper (80%)
- Form of module retake examination: Revision of the Seminar paper (100%) within 4 weeks, or Oral examination (100%)

Language: English