The AGEP Network
Course Programme for EPOS students, WS 2020/21

1. Additional Academic Qualifications

1.1. Medicine/Public Health

1.1.1. E- Learning course - Introduction to Social Protection: A Systems Approach to Universal Social Protection (University of Heidelberg)

Name of Module/Course	E- Learning course- Introduction to Social Protection: A Systems Approach to Universal Social Protection
Short description	The key objective of the course is to introduce concepts of social protection and relates it to international conventions and their reflection in the national legislation
Name of Programme	MSc International Health
Name of University	Heidelberg Institute of Global Health, HIGH, University of Heidelberg
Name of Lecturer	PD Dr Svetla Loukanova HIGH, Evaplan
Responsible University lecturer	PD Dr Olaf Horstick

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
2 ECTS	40	80%	20	60

Start & end dates, WS		Start & end dates, SS	Other timeslot (block course):
			Self-organized E-learning until 12/2020

Registration until	Number of possible AGEP participants
1 month before course	2

Content and goals of qualification	This course introduces the social protection and relates it to international conventions and their reflection in the national legislation. Concepts and means to protect the poor and vulnerable are developed. The course explains the origin and the history of social protection in Europe. It relates the social protection to poverty in Europe and the structure of societies. As the course originates in Germany the country with the oldest mandatory health insurance a special attention is paid to German health insurance, including also five other mandatory insurances existing in industrialised countries. The course is organised in two main modules. Module 1: Principles of Social Protection 　　Unit 1: Decent living as a Human Right 　　Unit 2: Social protection for the vulnerable population 　　Unit 3: Social protection for formally employed 　　Unit 4: Cross cutting issues Module 2: Practice of Social Protection in industrialized countries – focus on Germany 　　Unit 1: Social protection in Europe 　　Unit 2: Social insurances –focus on Germany 　　Unit 3: Evaluation of health systems

Preconditions for participation	Bachelor level 4 years English: TOEFL test 5.5 or IELTS 6.5 or equivalent language skills
Teaching Methods	The course aims to initiate an active participatory learning process. It uses a mixture of interactive lectures, individual assignments, case studies, group work and presentations. 40 hours contact time: • Online lectures 20.5 hours • Tutored group work 13 hours • Assessed group discussions 3 hours 20 hours individual work: • Preparatory reading 15 hours • Assignment 5 hours
Lesson format (online/face-to-face)	Online
Assessment method	Participants' learning will be assessed on: Full completion of the modules and assignments within the modules (60%) Active participation in technical discussions on the platform of the course (10%) Final test (30%) If the student fails to reach the passing grade of 60 %, s/he will be able to re-sit an oral exam not later than 2 weeks after receiving coordinator's comments.
Language	English
Inscription external student	No

1.2. Engineering and Related Sciences
1.2.1. Sustainability of Renewable Energy (University of Oldenburg)

Name of Module/Course	Sustainability of Renewable Energy			
Short description				
Name of Programme	PPRE			
Name of University	University of Oldenburg			
Name of Lecturer	**Dr. Herena Torio**			
Responsible University lecturer	**Dr. Herena Torio**			

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
6	4	Ca.52 h	Ca. 128h	180h

Start & end dates, WS	timeslot:
15. Okt 2020 – 31.01.2021	

Registration until	Number of possible AGEP participants
10. Oktober 2020	Max. 10

Content and goals of qualification	In order to understand the complex transformation processes of our current energy supply system towards a more sustainable one we have to consider implications that go far-beyond the technological arena. In this module, the mobility transition in Germany is taken as a concrete example to analyse and understand such transformation processes as well as its main indicators. In the course of the seminar the buzzword 'sustainability' will be explained, including its development, assessment methods and implications for energy systems analysis. Electric vehicles are being re-discovered in the context of mobility transition as one of the promising facettes to decarbonize the transportation system. Additionally, effects of the COVI-19 pandemic are shifting the focus to integral mobility planning, home working and mobility avoidance. Thus, the transition from a predominantly fossil-fuelled combustion-engine and individual passenger based mobility system towards a more diversified and electric one will be analysed. Several lectures highlighting the theoretical framing of the sustainability debate, the dynamics of such a transformation and mechanisms involved in it, as well as a sound introduction to several methods for sustainability assessment (LCA, scenarios, MCDM or discourse analysis) are delivered. The students then choose and develop their own research question in the context of the mobility transition, work in depth with one of the proposed assessment methods and thereby apply the methodological and theoretical knowledge gained during the lecture. After successful completion of the module students should be able to: - analyse, and critically compare and evaluate selected sustainability concepts and strategies addressing renewable energy systems - critically appraise and analyse the principles and implications of selected scientific methods and theories for a sustainable energy supply

	- critically evaluate the suitability and meaningfulness of different sustainability indicators, theories, methods and practices regarding their role and impact for developed countries, on the one hand, and developing countries, on the other - perform an integral assessment, involving several relevant aspects related to the sustainability of a particular real-life renewable energy project as well as identify the main barriers, potentials and driving factors for improving it - perform a literature review on selected sustainability approaches to a professional standard, extract the main related conclusions, and arguing critically on them
Preconditions for participation	
Teaching Methods	Videos, online coaching sessions and discussions
lesson format (online/face-to-face)	Online
Assessment method	Presentation and report
language	English
Inscription external student	Inscription on the course should take place via StudIP. To obtain the guest-student status required students are requested to

1.2.2. Rehabilitation and Restoration of Degraded Landscapes (Technical University of Dresden)

Name of Module	Rehabilitation and Restoration of Degraded Landscapes
Name of Programme	Tropical Forestry and Management
Name of University	TU Dresden
Name of Lecturer	Prof. Dr. Gerald Kapp
Responsible University lecturer	Prof. Dr. Gerald Kapp

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
-	-	2,5	14,5	17

Start & end dates, WS		timeslot:	
17.11.-22.12.2020			

Registration until		Number of possible AGEP participants	

Content and goals of qualification	Goal: To understand the causes of land degradation and discuss applied measures for landscape rehabilitation and restoration, with special consideration of case studies Content: In this e-learning course, participants get familiar with the concepts of landscape degradation. Governance, legal and political aspects are outlined and the manifold and interrelated causes of landscape degradation are analysed in some detail. Different types of landscape degradation are presented. The rehabilitation and restoration is then demonstrated with reference to farmlands, forests, and wetlands. The complexity of all degradation and restoration dynamics is highlighted with two case studies from Ethiopia and China.
Preconditions for participation	A BSc degree in a landscape related subject, including, e.g., agriculture, forestry, ecology, biology, geography.
Teaching Methods	• Text and video • International case studies and webpages • Self-assessment at the end of each chapter
lesson format (online/face-to-face)	• e-learning course • platform: OPAL (TU Dresden)
Assessment method	Self-assessment quizzes in the e-course
language	English
Inscription external student	To be clarified

1.2.3. Data Analysis in R (Cologne University of Applied Sciences)

Name of Module	Data Analysis in R
Short description	In this course you will learn a programming language and how to work with large amounts of data. Not only will these skills increase the possibilities for what you can achieve in your studies, they are increasingly becoming a requirement to gain employment in many fields. They provide you numerous opportunities for the modern day professional work. This course teaches how to use The R Project for Statistical Computing (commonly known as "R") for data analysis, focusing on the processing and analysis of spatial and temporal datasets. The intensive course starts at a beginner level and moves to an intermediate level. Please note that the course uses examples and data analysis techniques in the fields of **climate, geography** and **hydrology,** and it is therefore recommend that students in master's courses related to these topics attend.
Name of Programme	Natural Resources Management
Name of University	Cologne University of Applied Sciences
Name of Lecturer	Oscar Manuel Baez Villanueva & Ian McNamara
Responsible University lecturer	Prof. Lars Ribbe

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
no	-	25	25	50

Start & end dates, WS	Timeslot:
28.9.2020 – 9.10.2020	2 weeks, 2.5 h daily, 9:00 - 11:30

Registration until	Number of possible AGEP participants
September 11th, 2020	50

| Content and goals of qualification | Objective: for students to obtain and implement the skills to undertake geospatial data analysis using the R Project for Statistical Computing.

Module 1: Introduction to R part I
1. What is R?
2. Scripts and packages
3. Data in R
4. Mode and length
5. Some basic functions
6. Arithmetic operators
7. Matrices
8. Lists
9. Data frames

Module 2: Introduction to R part II
1. Importing data
2. Writing data
3. Basic plotting
4. Relational operators
5. Loops |

engineering and related sciences

Module 3: Raster files and spatial data
1. Reading and plotting shapefiles
2. Extracting polygons from shapefiles
3. Reading rasters
4. Stacking, cropping, masking and resampling rasters
5. Writing rasters
6. Isolating cells with particular attributes

Module 4: Data processing
1. Data organisation
2. Accessing and loading particular files
3. Pre-processing data
   a. Example: CHIRPS precipitation raw data
4. Aggregating data
   a. Example: converting monthly to annual data
5. Extra Considerations
   a. Temporary files
   b. Computer cores

Module 5: Spatial and temporal statistics
1. Raster statistics
   a. Minimum, maximum, mean, standard deviation, sum
   b. Frequency of cells in a raster
   c. Writing derived values as a time series
2. Example: Raster statistics over an area (P minus ETa)
   a. Calculating mean P and ETa over an area
   b. Analysing P minus ETa patterns

Module 6: Performance Indicators (Streamflow and Point-to Pixel Evaluation)
1. Introduction to performance indicators
   a. Common performance indicators
   b. Working with NA values
2. Comparing time series in R
3. Example: Evaluating streamflow using performance indicators
4. Example: Point-to-Pixel evaluation

Module 7: Automating downloading
1. The apply, lapply, sapply and mapply functions
2. Reading netcdf Files
   a. Example: ERA5 Data
3. Downloading Products with ftps
   a. Example: CHIRPSv2 (Monthly)
4. Downloading MODIS products
5. Packages in R
6. Functions in R

Preconditions	Basic knowledge of statistics
Teaching Methods	Online, via Zoom
Lesson format (online/face-to-face)	The format will be online and includes: 1. Lectures 2. Exercises 3. Data and scripts to reproduce examples and solve the exercises 4. Questions and Answer (Q&A) sessions
Assessment	None
Language	English
registration	www.agep-info.de
Certificate	Provided by AGEP / TH Köln / DAAD

1.3. Development Cooperation

1.3.1. Risk Management in the context of Climate Change (United Nations University Bonn)

Name of Module	Module JM9 – Risk Management in the context of Climate Change (JM9-2)			
Name of Programme	Master Geography of Environmental Risks and Human Security (jointly organised with Uni Bonn/Dept Geography)			
Name of University	United Nations University (Institute for Environment and Human Security)			
Name of Lecturer	Lecturers from the UNU Migration Section (EMIC) and the Climate Risk Insurance Group (MCII) (https://ehs.unu.edu/about/departments)			
Responsible University lecturer	Dr. Kees van der Geest, Michael Zissener			
Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
6	2			180
Start & end dates, WS		Start & end dates, SS	Other timeslot (block course):	
October –December 2020			day blocks (1st part: week of 19th Oct.; 2nd part: 9th-27th Nov. 2020); exact dates tbc.	
Registration until		Number of possible AGEP participants		
20 Sep. 2020		5 AGEP network students		
Content and goals of qualification	The lecture will introduce important international policy making processes and frameworks (UNFCCC, Sendai, SDGs, G7, G20 etc.) and the way these address and drive key issues in the context of climate change risk management. UNU-EHS lecturers and external experts will provide participants with insights in conceptual understanding around the theoretical basis of topics such as Loss & Damage, Environmental Migration, Livelihood Resilience, and Climate Risk Insurance. Students will get practical understanding of the complexity of these concepts' application on the ground. The course delivery will be complemented by case studies as well as exercises.			
Preconditions for participation	none			
Teaching Methods	Seminar			
lesson format (online/face-to-face)	Depending on possibilities under the current pandemic situation, to be delivered either via remote or blended learning.			
Assessment method	Written Exam			
Inscription	Online form: https://agep-exchange2020-unu-ehs.questionpro.eu For questions, please contact master-georisk@ehs.unu.edu			

1.3.2. Disaster Management & Humanitarian Response (United Nations University Bonn)

Name of Module	Module JM9 – Disaster Management & Humanitarian Response (JM9-1)			
Name of Programme	Master Geography of Environmental Risks and Human Security (jointly organised with Uni Bonn/Dept Geography)			
Name of University	United Nations University (Institute for Environment and Human Security)			
Name of Lecturer	Prof. Dr. Jörg Szarzynski and guest lecturers (https://ehs.unu.edu/experts/researchexperts/jorg-szarzynski.html#profile)			
Responsible University lecturer	Prof. Dr. Jörg Szarzynski			
Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
6	2			180
Start & end dates, WS		Start & end dates, SS	Other timeslot (block course):	
October –December 2020			02-06 November 2020	
Registration until		Number of possible AGEP participants		
20 Sep. 2020		5 AGEP network students		
Content and goals of qualification	This lecture will provide comprehensive information on structures, workflows, and practical challenges of international organizations such as UN, governments, NGOs, as well as private sector, dealing with disaster management and humanitarian response. Lectures will be coordinated by UNU-EHS and held by various external experts with hands-on knowledge in related areas. Learning objectives include: better understanding of civil protection mechanisms and humanitarian response; operational coordination of disaster management and humanitarian response; UN and other inter-national organizations in humanitarian response; the role of media in disaster management and humanitarian response.			
Preconditions for participation	none			
Teaching Methods	Seminar			
lesson format (online/face-to-face)	Depending on possibilities under the current pandemic situation, to be delivered either via remote or blended learning.			
Assessment method	Written Exam			
language	English			
Inscription external student	Online form: https://agep-exchange2020-unu-ehs.questionpro.eu For questions, please contact master-georisk@ehs.unu.edu			

1.3.3. Disaster and Ecosystems: Resilience in a Changing Climate (United Nations Environment Programme in Cooperation with Cologne University of Applied Sciences)

Name of Module/Course	Disaster and Ecosystems: Resilience in a Changing Climate
Short description	Disasters kill people, destroy infrastructure, damage ecosystems and undermine development. Climate change is expected to aggravate existing disaster risks. Ecosystem-based approaches for disaster risk reduction can be a strategy with multiple benefits.
Name of Programme	NRM/IWRM/REM
Name of University	UNEP in Cooperation with TH Köln
Name of Lecturer	UNEP
Responsible University lecturer	Dr. Udo Nehren

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
				15 weeks

Start & end dates, WS		Start & end dates, SS	Other timeslot (block course):
November 2020			

Registration until		Number of possible AGEP participants	
continuously		5	

Content and goals of qualification	This MOOC enhances knowledge and skills for tackling complex issues such as resilience and transformation, sustainable development, ecosystem management, disaster risk reduction, climate change adaptation and how they can be operationalized. It will benefit disaster managers and practitioners, climate change adaptation professionals, development planners, project implementers and policy makers. The course will be delivered through a series of lectures and case studies, quizzes, peer-reviewed exercises, along with additional study materials provided to the students. Lectures will be available through videos as well as online documents and will be geared for students who may not have access to high speed internet so they can follow the course. Students will be provided the opportunity to enhance their critical thinking through real life and fictitious problem solving exercises. Each week will feature an international expert who will be available to respond to questions and interact with students.
Preconditions for participation	Some general basic knowledge about disasters and climate change

Teaching Methods	
online/face-to-face	Online - MOOC
Assessment method	
language	English
Inscription external student	

1.3.4. Terrorism and Political Violence (Otto-von-Guericke-University Magdeburg)

Name of Module/Course	Terrorism and Political Violence
Short description	The course will offer detailed analysis of the problems and key debates in terrorism research. It will focus on issues of conceptualization, historical development, theoretical explanations and questions regarding counter-terrorism as well as the limitations within the field from both perspectives of traditional terrorism research and critical terrorism studies.
Name of Programme	Peace and Conflict Studies (PACS)
Name of University	Otto-von-Guericke-University Magdeburg
Name of Lecturer	**Prof. Dr. Alexander Spencer**
Responsible University lecturer	**Prof. Dr. Alexander Spencer**

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
4 or 6	2	28	72 (4CP) & 122 (6CP)	100h (4CP) & 150h (6CP)

Start & end dates, WS	Start & end dates, SS	Other timeslot (block course):
12.10.2020 – 05.02.2021	**-**	N/A

Registration until	Number of possible AGEP participants
19.09.2020	3

Content and goals of qualification	Over a decade after 9/11 terrorism research has established itself as an interdisciplinary subfield within political science coving insights from history, psychology, sociology and law. The course will offer detailed analysis of the problems and key debates in terrorism research. It will focus on issues of conceptualization, historical development, theoretical explanations and questions regarding counter-terrorism as well as the limitations within the field from both perspectives of traditional terrorism research and critical terrorism studies. As all the presentations and class discussion will be in English, a solid command of the language will be a prerequisite for joining the class.
Preconditions for participation	30 ECTS in the social sciences
Teaching Methods	Class discussions, debate & group work

lesson format (online/face-to-face)	Hybrid: Online, once a week (14 weeks), 1 or 2 face-to-face sessions
Assessment method	Presentation (4CP) Presentation and Term paper (4000 word) (6CP)
language	English
Inscription external student	TBA

1.3.5. Critical Sustainability (Technical University Berlin)

Name of Module/Course	Critical Sustainability
Short description	The integrated course is a common course for students of all disciplines. It conveys the theoretical foundations of the term sustainability as well as the interrelationships between technology, nature, the individual, society and democracy. Through the interactive design, the participants question and discuss the knowledge imparted. There is an exchange about different aspects of sustainability related to the different disciplines of the participants
Name of Programme	
Name of University	Technical University Berlin
Name of Lecturer	André Baier
Responsible University lecturer	André Baier

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)

Start & end dates, WS	Start & end dates, SS	Other timeslot (block course):
1.11.2020 – 31.1.2021		

Registration until	Number of possible AGEP participants
	10

Content and goals of qualification	Skills are acquired for the concept of "Education for Sustainable Development". The participants bring their own topics / problems into the course and help shape it independently. At the same time, students are encouraged to have a lasting impact on society. The complexity of the term sustainability is analyzed and existing assumptions are questioned. Conflicts of value and goals are found individually and create the basis for a contribution to social-ecological transformation.
Preconditions for participation	
Teaching Methods	- start and end together - Interaction in the course and beyond - Information transfer, exchange and own actions - Individual, small and large group work - explore and shape your own world

lesson format (online/face-to-face)	online
Assessment method	- Preparation / follow-up of each attendance appointment - Intervention research (topics and groups result from the work in the seminar) - Presentation of research results
language	English
Inscription external student	To be announced

development cooperation

2. Interdisciplinary Qualifications and Soft Skills

2.1. Tools

2.1.1. Journalistic Writing for Scientists (external workshop)

Name of Module/Course	Translating Scientific Content into a non-scientific Journal Article
Short description	D+C Development and Cooperation is a website that is up-dated daily. It discusses international-development affairs and explores how they relate to other fields of policy-making, such as security, peace, trade, business and environmental protection. The website shares the name D+C/E+Z with a print magazine and an e-paper. All avatars are funded by Germany's Federal Ministry for Economic Cooperation and Development and published on behalf of ENGAGEMENT GLOBAL. Their mission is not to serve as a governmental mouthpiece, but to provide a credible forum for debate, involving government agencies, civil society, the private sector and academia at an international level. D+C is the identical twin of E+Z Entwicklung und Zusammenarbeit, the leading German language publication on development issues.
Name of Programme	
Name of University	
Name of Lecturer	Hans Dembowski, chief editor of D&C (Development & Cooperation)
Responsible University lecturer	

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
		10	10	20

Start & end dates, WS		Start & end dates, SS	Other timeslot (block course):
			September/October

Registration until	Number of possible AGEP participants
	6

Content and goals of qualification	Prepare scientific content for articles in a non-scientific journal
Preconditions for participation	
Teaching Methods	• lecture • Discussion

	• Writing exercises together and as homework • Joint reporting
lesson format (online/face-to-face)	online
Assessment method	Learning journal
language	English
Registration	www.agep-info.de

2.1.3. Design Thinking – Finding your master thesis topic (Cologne University of Applied Sciences)

Name of Module/Course	Design Thinking – Finding your master thesis topic
Short description	In this workshop selected methods for personal growth and development are presented. In order to be able to develop yourself and your professional ideas (your master thesis) you have to know yourself. If you do not know yourself, it is impossible take decisions that are in favor of your own best interests. That leads to the question: Do I know myself? Participants will have the opportunity to discover their personal strengths and use creative tools and methods to develop the design of the master thesis topic.
Name of Programme	NRM/IWRMM/REM
Name of University	TH Köln
Name of Lecturer	**Katerina Brandes, Ricarda Bruder Pedroso**
Responsible University lecturer	**Prof. Sabine Schlüter**

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
		4	2	6

Start & end dates, WS	timeslot:
18.9.2020, from 9.00 to 13.00h	One online workshop session, 4h

Registration until	Number of possible AGEP participants
September 4th, 2020	30

| Content and goals of qualification | You will get an overview of different Creativity Methods (Design Thinking, Theory U, Ikigai) and you will practice the creative process.

The workshop aims at exploring and developing your strengths and visions for your master thesis. We do this by searching for answers to some very important basic questions:

Who am I? What am I good at? What are my talents? What am I curious about? Why am I here? What do I deeply care about? How do I want to support the world? Where do I want to go? What makes me come alive? What excites me?

We will guide you through an elevating process. We do this by offering you different creative tools which you can continue to use after the workshop and along your master thesis process. |

Preconditions for participation	none
Teaching Methods	several exercises from the mentioned concepts - Guided Journaling - Life Line - Dialogue Walk - active listening - meditation
online/face-to-face	Online workshop
Assessment method	none
language	English
registration	www.agep-info.de

2.2. Topic Seminars

2.2.1. Climate Change Policy / International Relations (external seminar)

Name of Module/Course	Climate Science & Climate Policy - UN Climate Change Conference Simulation
Short description	First, the preliminary negotiations are simulated via an online platform. The participants develop the draft resolution online, which forms the basis for the subsequent negotiations at the video summit. To do this, they have to submit wording suggestions, convince partners and opponents and find support for their positions. The process is headed by the UN group, which ultimately draws up the final draft resolution. The platform will continue to be used during the face-to-face negotiations, which take place via a video portal (e.g. zoom), and will support the delegations in the negotiations. The aim is to implement the framework agreement of the Paris Agreement. In addition, negotiations are still underway to improve the emissions targets that have been set, the design of climate finance, the possible use of technical innovations in the fight against climate change or the handling of losses and damages.
Name of Programme	
Name of University	
Name of Lecturer	Klaus Schneider, planpolitik
Responsible University lecturer	

Credit Points	**SWS**	**Attendance (h)**	**Self-study (h)**	**Total workload (h)**
-		15	15	30

Start & end dates, WS	**timeslot**
14.9. – 6.10.2020	3 weeks self, 2 life online sessesion
Registration until	**Number of possible AGEP participants**
September 4th, 2020	15-35

Content and goals of qualification	• Get an insight into the complex topic of climate policy • balance of power, dynamics; Understand interactions in climate negotiations • Experience the difficulty of finding consensus in the case of partially divergent interests • Understanding of the interaction between national interests and (the limitation of) international cooperation • Learning negotiation techniques and reasoning strategies to represent positions and represent interests

Preconditions for participation	
Teaching Methods	- Interaktiv - blended learning - participation-oriented
lesson format (online/face-to-face)	Online
Assessment method	Research tasks Communication tasks (negotiations, presentations, written & oral)
Language	English
Registration	www.agep-info.de

2.2.2. Debating Development (external seminar)

Name of Module	**Debating Development** – Exploring our position in international development practices
Short description	What is development? What is development to you? Could you describe your meaning of development in a sentence? Have you ever wondered who decides about who gets developed and how? Who benefits? Do you? Who develops whom? And why?
	Join us and explore the debates, hierarchies and power struggles around development. We will move from the critique to exploring resistance, activism and alternatives to development to understand our personal position and to rethink development practices. By reflecting on what our personal stance is in the debate, we can recognize what kind of project we would like to support with our work and how we understand the development sector's role and ourselves in it.
	Let's get together and debate the diverse meanings, practices, concepts, our own entanglement and positionality within the development sector!
Name of Programme	-
Name of University	-
Name of Lecturer	**Franziska Geiger and Katerina Brandes**
Responsible University lecturer	-

Credit Points		SWS	Attendance (h)	Self-study (h)	Total workload (h)
-		-	10	20	30

Start & end dates, WS	timeslot:
28.09.-23.10.2020	Zoom meetings on Wednesdays from 10am – 12:30pm
Registration until	**Number of possible AGEP participants**
16.09.2020	50

Content and goals of qualification	This course deals with different perspectives involved in the debate around development. There will be three building blocks:
	• mainstream development
	• rethinking development
	• planning of individual development projects
	The idea is to introduce different viewpoints from politics, practice and academia which are involved in development thinking and planning as well as to critically reflect on these viewpoints by designing individual development projects related to the students' background.
	On successful completion of the course, students will:
	• know about different positions of development pathways
	• be able to critically reflect development literature and development practices and understand their perspectivity

	• be able to position themselves ontologically and epistemologically in the development debates (deliberation of personal positionality)
Preconditions for participation	Students are required to read, present, and discuss academic articles and papers on issues on the topic of development theory and practice. While no previous knowledge is assumed, an interest in the topic is important.
Teaching Methods	• Interactive lectures requiring attendance • Class discussions • Videos • Quizzes • Learning journal • Students are required to read, present, and discuss academic articles.
lesson format (online/face-to-face)	online
Assessment method	The participants will receive a certificate of participation, but will not be graded. To receive the certificate, they are required to deliver the following: 1. **Participate in four lectures** (40% of work load) 2. **Engage with content outside of lectures** by watching (lecturers') videos, reading literature and case studies (20% of work load) 3. **Take part in reflection quizzes and answer questions on readings** (20% of work load) 4. **Deliver a learning journal** (10% of work load) 5. **Prepare a project idea** individually or in groups (10% of work load)
Language	English
Inscription external student	www.agep.de

2.2.3. Holistic Science and Systems Thinking (external seminar)

Name of Module/Course	**Holistic Science and Systems Thinking** – Solving complex problems in international development
Short description	Why do hunger, poverty and environmental degradation persist despite more than 50 years of international development programmes? Can we solve complex problems with a mechanistic worldview? How can we think our way out of a problem when the problem is the way we think? What are the benefits of a systems view of life? What can we learn from the worldview of indigenous peoples? Join this course to explore the benefits of holistic science and systems thinking for international development practices. Understand the differences between a reductionist and a holistic focus on solving complex problems in international development. Learn about the wisdom of indigenous peoples. We will dialogue and put in practice the benefits of holistic science, systems thinking and the indigenous worldview to solving complex problems in the development sector.
Name of Programme	-
Name of University	-
Name of Lecturer	**Dr Jörg Elbers**
Responsible University lecturer	-

Credit Points	SWS	Attendance (h)	Self-study (h)	Total workload (h)
-	-	10	15	25

Start & end dates, WS	Start & end dates, SS	Other timeslot (blockcourse):
28.9. – 26.10.2020	-	

Registration until	Number of possible AGEP participants
September 17th, 2020	30

Content and goals of qualification	This course deals with a holistic approach to tackle wicked problems in the development world. There will be three main issues: • holistic science • systems thinking • the worldview of indigenous peoples The idea is to understand the power of holistic science and systems thinking for analysing and solving complex problems in development related to the students' background. On successful completion of the course, students will: • have experienced the difference between dialogue—as an essential tool for development work—and discussion

	• know the difference between a holistic and a reductionist view on development topics • know the benefits to elaborate development projects with a holistic and systemic perspective • be able to analyse development practices with a holistic and systemic perspective
Preconditions for participation	Students are required to read, present, and dialogue about academic papers on the topic of holistic science and systems theory. While no previous knowledge is assumed, an interest in the topic is important.
Teaching Methods	• Lectures requiring attendance • Dialogue in class • Practices and exercises • Videos • Learning journal • Students are required to read, present, and dialogue about texts on holistic science and systems theory.
lesson format (online/face-to-face)	online
Assessment method	The participants will receive a certificate of participation, but will not be graded. To receive the certificate, they are required to deliver the following: 1. **Participate in four lectures**, including practical exercises (50% of work load) 2. **Engage with content outside of lectures** by watching (lecturers') videos and reading literature (20% of work load) 3. **Write a short essay about the subject of the course** (one or two pages, 30% of work load)
Language	English
Inscription external student	www.agep-info.de