

**Module Handbook**  
**Certificate Programme "EUGLOH Certificate of  
Advanced Studies in Global Health**  
(min. 17 ECTS points)  
Examination and study regulations final approval pending  
On the basis of the figures adjusted on  
**11.01.2024**

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## Abbreviations and explanations

CP	Credit Points,
ECTS points	ECTS European Credit Transfer and Accumulation System
SoSe	Summer semester
WiSe	Winter semester
WP	Compulsory elective
P	Mandatory

1. The description of the assigned module parts with regard to the respective information on ECTS points follows the following scheme: ECTS points not in brackets are awarded with the passing of the associated module examination or module sub-examination. ECTS points in brackets are only used for mathematical allocation.

2. Depending on the information in Annex 2 of the Examination and Study Regulations, the information on the time in the course of studies when modules may be taken may be fixed regulations or mere recommendations. This is indicated in the module handbook by the terms "regular semester" and "recommended semester".

Please note: The module handbook serves as an orientation for your course of study. For binding regulations, please only consult the examination and study regulations in their currently valid version. You can find these at [https://www.cih.lmu.de/education/study-programs/under\\_your\\_respective\\_programme](https://www.cih.lmu.de/education/study-programs/under_your_respective_programme).

## Module: P 1 Introduction to Global Health

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	P1: Introduction to Global Health	SoSe	3

<b>Type of module</b>	Compulsory module with compulsory courses
<b>Elective regulations</b>	None
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 1
<b>Duration</b>	1 semester
<b>Contents</b>	<p>The course is intended as a blended learning course, including synchronous (4 sessions) and asynchronous units (8 units).</p> <p>Topics covered include:</p> <ul style="list-style-type: none"> <li>• the theoretical foundations of global health,</li> <li>• the effects of globalisation on health and the burden of disease,</li> <li>• the different determinants of health,</li> <li>• ethical issues involved in health,</li> <li>• strategies to improve global health and</li> <li>• working in an interdisciplinary environment</li> </ul>
<b>Qualification goals</b>	Through the course students will gain a basic understanding of Global Health.
<b>Form of the module examination</b>	Project Work and Presentation
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned

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	compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Ashley Haberman-Lawson
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: P 2 One Health Core Competencies

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	P 2 One Health Core Competencies	SoSe	3

<b>Type of module</b>	Compulsory module with compulsory courses
<b>Elective regulations</b>	None
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	The One Health Core Competencies course consists of a blended learning system, including synchronous and asynchronous units. In the asynchronous sessions, the participants will be led through the theoretical foundations of interdisciplinary teamwork, systems thinking and the One Health approach through self-study with interactive elements on the Moodle-platform. Participants will also see illustrative examples of current One Health scientific cases. During the synchronous sessions, participants will meet online via 'Zoom' and work together as multi- and interdisciplinary teams.
<b>Qualification goals</b>	To reflect on and discuss the One Health approach and solve a real-world One Health problem using an interactive problem-based learning method.
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned

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	compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Bernarda Espinoza Castro
<b>Language(s) of instruction</b>	English and Spanish
<b>Other information</b>	None

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## Module: P 3 Interdisciplinary Global Health

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Introductory event and poster presentation	P 3 Interdisciplinary Global Health	SoSe + WiSe	1

<b>Type of module</b>	Compulsory module with compulsory courses
<b>Elective regulations</b>	None
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 1 + 2
<b>Duration</b>	Block seminar
<b>Contents</b>	The course is intended as an informational event and a poster presentation within the LMU EUGLOH Global Health Day
<b>Qualification goals</b>	Through the module students will present the knowledge they have acquired.
<b>Form of the module examination</b>	Poster presentation
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Katja Radon
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None



## Module: P 4 Thesis

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

<b>Learning form</b>	<b>Course (compulsory)</b>	<b>Turnus</b>	<b>ECTS</b>
Thesis	P 4 Thesis	WiSe	1
<b>Type of module</b>	Compulsory module with compulsory courses		
<b>Elective regulations</b>	None		
<b>Participation requirements</b>	None		
<b>Time in the course of studies</b>	Semester 2		
<b>Duration</b>	1 semester		
<b>Contents</b>	Students work in groups of 3 to produce a EUGLOH journal style article on a topic within Global Health.		
<b>Qualification goals</b>	To combine what students have learnt throughout the programme into a final project.		
<b>Form of the module examination</b>	Term paper		
<b>Type of assessment</b>	The module is graded.		
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).		
<b>Person responsible for the module</b>	Ashley Haberman-Lawson/Fausto Ignatov		
<b>Language(s) of instruction</b>	English		
<b>Other information</b>	None		

## Module: WP 1 Antibiotics Resistance & Marine Conservation

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 1 Antibiotics Resistance & Marine Conservation	WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	<p>The course "Antibiotic Resistance and Marine Conservation" consists of a blended learning system that includes synchronous and asynchronous units. The asynchronous content will be presented on the Moodle platform, where participants will explore the theoretical basis of the emergence of antibiotic-resistant bacteria and the pathways of spread between humans, animals, and the environment. They will also be introduced to recent scientific studies related to the One Health approach that show the link between marine life and antibiotic resistance, as well as will explore the impact of antibiotic resistance on marine life. Finally, interactive materials and sessions will allow participants to explore various research methods that can be used to investigate One Health issues.</p> <p>During synchronous sessions, participants will meet online via "Zoom" with our guest speakers and will be able to work</p>

	in international and interdisciplinary teams on a study protocol focused on One Health topics.
<b>Qualification goals</b>	<ul style="list-style-type: none"> <li>• Identify the definition, causes and routes of the spread of antibiotic resistance bacteria</li> <li>• Recognise antibiotic resistance as a One Health topic</li> <li>• Identify the various factors that impact marine life and their effect on human, animal and environmental health.</li> <li>• Explore the interconnection between marine life and antibiotics</li> <li>• Explore different research methods they can apply to study One Health topics</li> </ul>
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Bernarda Espinoza Castro
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

## Module: WP 2 One Health and Climate Change Course

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 2 One Health and Climate Change Course	WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	The present course will introduce students to the connections between climate change and health. The content material provides a framework to understand the basic mechanisms of climate change and the extent of its impacts on human and animal health, identifying the connection between planetary challenges and local threats. Role-playing exercises encourage the practice of thinking systemically, adopting holistic perspectives, and working with creativity and collaboration to find immediate and long-term solutions.
<b>Qualification goals</b>	<ul style="list-style-type: none"> <li>• understand the basic mechanisms of climate change and its environmental impacts on the planet;</li> <li>• understand the One Health approach, its definitions, history, and current discourses;</li> </ul>

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- understand the relationships between climate change and global health problems and explain the dimensions of impacts on human, animal, and environmental health systems;
  - develop One Health solutions to climate change-related health problems and plan their implementation.

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**Form of the module examination** Term paper

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**Type of assessment** The module is graded.

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**Prerequisite for the award of ECTS credits** The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).

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**Person responsible for the module** Bernarda Espinoza Castro

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**Language(s) of instruction** English

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**Other information** None

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## Module: WP 3 Digital Storytelling

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 3 Digital Storytelling	SoSe/WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Recommended semester: 1-2
<b>Duration</b>	1 semester
<b>Contents</b>	<p>Digital storytelling is an important part of our world today, as online media platforms continue to grow and become our main source for information. Creating stimulating digital stories designed for target audiences is now a crucial element to sharing those online messages and impactful content.</p> <p>Through the lens of health and One Health concepts, students are guided through the skills and knowledge required to write and execute impressive digital storyboards, and asked to create their own storyboard with exclusive temporary access to Pageflow.</p>
<b>Qualification goals</b>	<ul style="list-style-type: none"> <li>• Understand the concepts involved in digital story creation</li> <li>• Discuss the role of digital storytelling in medicine and public health</li> <li>• Comprehend One Health concepts and recognise examples of One Health in media</li> </ul>

	<ul style="list-style-type: none"> <li>• Recognise different writing techniques/styles and the purposes they serve in varied contexts.</li> <li>• Develop and edit scripts and storyboard templates</li> <li>• Create a digital story using Pageflow</li> </ul>
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Laura Volbracht
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

## Module: WP 4 Scientific Writing

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Seminar	WP 4 Scientific Writing	WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	<p>Specifically for students of natural sciences who are often required to draft texts in English (ranging from letters &amp; e-mails about papers, to abstracts, to posters, to scientific publication and third party applications), this course shall not only help them encounter the "fear of blank page", but also help them overcome the language barrier. The online seminar "Scientific Writing" aims at targeting students of natural sciences and health sciences who wish to improve their academic writing skills in English.</p> <p>The course navigates from dealing with basic linguistic features to complex expertise of academic writing. Initially the course deals with the first steps of scientific writing, the phase of preparation of the article. The course explains how to search and manage the scientific literature as well as how to plan the writing process.</p>



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	<p>In a second phase, the course guides through the writing process itself. After dealing with important aspects of English language and expression in scientific writing, the course offers learning units that help in acquiring expertise in drafting various parts of a scientific publication. Additionally, these learning units offer a step-by-step opportunity to compose one's own scientific publication.</p> <p>In a third phase, the course explains how to publish and present a scientific publication. In this part of the course students can acquire knowledge not only regarding the procedure of submitting an article to a journal, but also concerning the oral and poster presentation of the scientific publication.</p>
<b>Qualification goals</b>	Improving academic skills (how to write a scientific paper) in English including literature search, drafting various parts of scientific publication & publishing, and presenting the results of the scientific publication.
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Katja Radon
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 5 Introduction to Outbreak Investigation - Infection Prevention and Control Measures

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 5 Introduction to Outbreak Investigation - Infection Prevention and Control Measures	WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	The course content is developed using a case-based problem divided into two main chapters: 1) Introduction to Outbreak Investigation and 2) Infection Prevention and Control in Acute Respiratory Infections for Health Workers in Low and Middle-Income Countries.  Theoretical foundation will be provided to participants to support outbreak management in their local communities.
<b>Qualification goals</b>	This course is aimed at students of related disciplines to provide basic knowledge of the disease outbreak investigation process using the COVID-19 pandemic as an example.
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.

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<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Bernarda Espinoza Castro
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 6 impACTup!- Innovation and Entrepreneurship with Impact

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 6 impACTup!- Innovation and Entrepreneurship with Impact	SiSe	3

<b>Type of module</b>	Elective module with compulsory courses
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<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 13 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
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<b>Participation requirements</b>	None
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<b>Time in the course of studies</b>	Semester 1
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<b>Duration</b>	1 semester
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<b>Contents</b>	The course introduces entrepreneurship as an effective tool for implementing sustainable innovations. They will be introduced to entrepreneurship and learn about impact as a guardrail for funding. Which stakeholders are important for entrepreneurs will be discussed and how impact can be presented and measured holistically. Students will also be taught how to develop sustainable business models, finance startups, and protect them in the long run.
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<b>Qualification goals</b>	The aim of the course is to facilitate an interdisciplinary and holistic approach to fostering entrepreneurship. Students do not need to bring a business idea. In fact, students will be sensitised toward an impact mindset, which will be helpful to them both in their private life and professionally. Participants will acquire a hands-on toolkit for generating sustainable innovations and a skillset for independent (individual and
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	collective) action by referring to the competence frameworks EntreComp and GreenComp.
<b>Form of the module examination</b>	Seminar thesis composed of reflections notes taken during the entire course.
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Viktoria Unger & Kira Brinkmann
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

## Module: WP 7 Aesthetics of Crisis: Health and Well-being

Assignment to the study programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 7 Aesthetics of Crisis: Health and Well-being	WiSe	7.5

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	This course explores how different crises related to health and well-being are represented in a number of captivating, current, and thought-provoking films. Such representations offer a unique opportunity to discuss and discern how we act as individuals in a situation of crisis, and how culture and society respond to crises of health and well-being....
<b>Qualification goals</b>	This course is aims for students to gain a new and deeper understanding of questions that concern crisis, culture, film, and society
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned

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	compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Lund University
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 8 Informatics: Introduction to E-health

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lecture & Seminar	WP 8 Informatics: Introduction to E-health	WiSe	7.5

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	None
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	<p>The course provides basic knowledge on the topic of e-health from an information systems perspective and includes:</p> <ul style="list-style-type: none"> <li>• An introduction to information systems in health care, including an overview of current systems, a historical view of e-health and the connection between healthcare processes and information systems.</li> <li>• Process analysis, requirements handling and evaluation of information systems in health care.</li> <li>• Information security in health care.</li> <li>• Current research topics and trends within e-health.</li> </ul>
<b>Qualification goals</b>	The course provides an introduction to e-health by introducing basic concepts and describing how added value can be created in health care processes by the use of ehealth systems. The course also provides knowledge about process



	analysis and information security in health care as well as an overview of current e-health research.
<b>Form of the module examination</b>	Term paper
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Lund University
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

## Module: WP 9 Environmental Sustainability and Global Health

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

<b>Learning form</b>	<b>Course (compulsory)</b>	<b>Turnus</b>	<b>ECTS</b>
Online lectures, problem-based learning	WP 9 Environmental Sustainability and Global Health	WiSe	7
<b>Type of module</b>	Elective module with compulsory courses		
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.		
<b>Participation requirements</b>	Basic knowledge in chemistry and biology		
<b>Time in the course of studies</b>	Semester 2		
<b>Duration</b>	1 semester		
<b>Contents</b>	This course will cover such topics as basic concepts of sustainability, energy auditing, green and sustainable materials, and life-cycle frameworks for sustainability. The course also focuses on the application of the concept of sustainability to the management of energy, water, and waste.		
<b>Qualification goals</b>	Students will demonstrate key knowledge in sustainability		
<b>Form of the module examination</b>	A series of quizzes, assignments and final exam. Students will demonstrate key knowledge in sustainability by conducting a life-cycle assessment (LCA) project		
<b>Type of assessment</b>	The module is graded.		
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned		

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compulsory and, if applicable, compulsory elective examination parts).

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**Person responsible for the module**      UiT

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**Language(s) of instruction**      English

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**Other information**      None

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## Module: WP 10 Introduction to Epidemiology

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health"

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Online lectures, - Team based learning activities - Flipped classroom - Case-based group work - Large language models (AI)	WP 10 Introduction to Epidemiology	WiSe	5

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	Bachelor degree
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	The course covers basic principles and methods of epidemiology including measures of disease occurrence and risk in populations and various research designs for investigating the etiology of disease.
<b>Qualification goals</b>	After completing the course, the students should be able to apply central concepts in epidemiology, identify study designs used in scientific papers, explain sources of bias in epidemiological studies and reflect upon causality.
<b>Form of the module examination</b>	We will use a 2-step assessment: 1.) Home assignment during the course that counts 40% 2.) Oral exam that counts 60%
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).



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<b>Person responsible for the module</b>	UiT
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 11 Financial Literacy in Health Economics

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

<b>Learning form</b>	<b>Course (compulsory)</b>	<b>Turnus</b>	<b>ECTS</b>
Lectures and Practical Sessions	WP 11 Financial Literacy in Health Economics	SoSe	2
<b>Type of module</b>	Elective module with compulsory courses		
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.		
<b>Participation requirements</b>	None		
<b>Time in the course of studies</b>	Semester 1		
<b>Duration</b>	1 semester		
<b>Contents</b>	<p>Course Overview: The Financial Literacy in Health Economics course seeks to equip students with a comprehensive understanding of cost structures in healthcare, particularly within hospital settings. With escalating healthcare costs globally, hospital administrators and government regulators need precise knowledge of how funds are allocated to ensure sustainability and profitability. This course provides the tools and insights required to make informed financial decisions in the healthcare sector. Key Topics: · Introduction to health economics: Core terms and concepts. · The significance of cost analysis in healthcare and Cost-Volume-Profit (CVP) analysis. · Assessing relevant costs and revenues for decisive actions. · An overview of the budgeting process in healthcare institutions. · In-depth exploration of standard costing and variance analysis. · A study of Divisional Financial Performance Measurement.</p>		
<b>Qualification goals</b>	<p>Learning Outcomes: By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Recognize the critical role of cost analysis in healthcare.</li> <li>• Estimate the unit cost of providing various hospital services.</li> </ul>		

	<ul style="list-style-type: none"> <li>Analyze and potentially optimize cost structures to enhance hospital profitability.</li> </ul>
<b>Form of the module examination</b>	<p>Assessment Criteria for Students:</p> <ol style="list-style-type: none"> <li><b>Active Participation (30% of the total grade):</b> Students are expected to actively engage during lectures and problem-solving sessions. This includes asking pertinent questions, contributing to discussions, and collaborating effectively during group activities. Active participation will help students assimilate the content and demonstrate their understanding in real-time.</li> <li><b>Project-Based Cost and Performance Analysis (40% of the total grade):</b> Building on the knowledge acquired from the course, students will be tasked with conducting a cost and performance analysis of a specific project in healthcare. This assessment will challenge them to apply theoretical knowledge in a practical context. They will be evaluated based on the depth of their analysis, the clarity of their insights, and their ability to make informed recommendations.</li> </ol> <p><b>In-Class Micro Tests (30% of the total grade):</b> Throughout the course, students will undergo periodic in-class micro-tests designed to assess their grasp of the key concepts and methodologies taught. These tests aim to reinforce learning, highlight areas for revision, and ensure that students are keeping pace with the course content.</p>
<b>Type of assessment</b>	The module is graded.
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	University of Novi Sad
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

## Module: WP 12 Global Health and Human Rights

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
Lectures, seminars and group discussions	WP 12 Global Health and Human Rights	WiSe	3

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	Bachelor's degree
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	In this course, students will explore the reciprocal relationship between global health and human rights, where health is a precondition for the enjoyment of rights, and the enjoyment of rights is a precondition for health.
<b>Qualification goals</b>	After completing the course, students should be able to: <ul style="list-style-type: none"> <li>- Explain current global public health challenges.</li> <li>- Explain overarching processes within international law related to health and human rights</li> <li>- Describe the roles of various actors in rights-based work in global health.</li> <li>- Describe models for rights-based work in global health.</li> </ul>
<b>Form of the module examination</b>	The course is assessed through two examination components: <ul style="list-style-type: none"> <li>- Multiple-choice questions, 2 credits, Fail/Pass</li> <li>- Individual written assignment, 1 credit, Fail/Pass</li> </ul>
<b>Type of assessment</b>	Pass/Fail



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<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Lund University
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 13 Medicine in global conflict: threats to health and human rights from emerging biotechnologies

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
team-based learning with case methodology and whole-class discussions	WP 13 Medicine in global conflict: threats to health and human rights from emerging biotechnologies	WiSe- SoSe	7.5

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	Bachelor's degree
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	The subjects include security studies, strategic biomedical technologies, information security and medical disinformation as well as biosafety and crisis management.
<b>Qualification goals</b>	The course aims to provide solid interdisciplinary background knowledge in the areas at the intersection between security policy and medical research.
<b>Form of the module examination</b>	Partly through multiple choice test and partly through an essay. The essay will be followed by a seminar where student will provide and respond to criticism.
<b>Type of assessment</b>	The module is graded
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).



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<b>Person responsible for the module</b>	Lund University
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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## Module: WP 14 Statistics: Data Visualisation

Assignment to the degree programme Certificate programme "EUGLOH Certificate of Advanced Studies in Global Health

Assigned module parts

Learning form	Course (compulsory)	Turnus	ECTS
self-study of literature with web-based support	WP 14 Statistics: Data Visualisation	WiSe	4

<b>Type of module</b>	Elective module with compulsory courses
<b>Elective regulations</b>	The module can be chosen in compliance with the following rules be taken: From the compulsory elective modules WP 1 to WP 14 are a total of two to three compulsory elective modules in the 1st or 2nd semester.
<b>Participation requirements</b>	An introductory course in (business) statistics
<b>Time in the course of studies</b>	Semester 2
<b>Duration</b>	1 semester
<b>Contents</b>	<p>The course provides an introduction to theoretical and practical aspects of data visualisation. The following topics are covered in the course:</p> <ul style="list-style-type: none"> <li>• Introduction and background</li> <li>• Introduction to R and ggplot2</li> <li>• Visualisation of data with few observations</li> <li>• Choice of colour, symbols, scales, and perspective (2D, 3D)</li> <li>• Summation and abstraction (many observations)</li> <li>• Interactive visualisations</li> <li>• Maps and spatial data</li> <li>• Visualisation of statistical models</li> </ul>
<b>Qualification goals</b>	<p>On completion of the course, the students should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge of the theoretical and practical construction of</li> <li>• visualisations, and</li> </ul>

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	<ul style="list-style-type: none"> <li>• demonstrate understanding of how the type of data impacts the visualisation and what components are appropriate.</li> <li>• demonstrate the skill to independently, using software, visualise various types of data,</li> <li>• demonstrate the ability to make appropriate choices in designing visualisations,</li> <li>• and demonstrate the ability to in writing present and discuss visualisations in dialogue with others.</li> </ul>
<b>Form of the module examination</b>	Web-based quizzes and written assignments as well as peer reviewing of the latter
<b>Type of assessment</b>	The module is pass/fail
<b>Prerequisite for the award of ECTS credits</b>	The ECTS points are awarded upon passing the module examination assigned to the module (or the assigned compulsory and, if applicable, compulsory elective examination parts).
<b>Person responsible for the module</b>	Lund University
<b>Language(s) of instruction</b>	English
<b>Other information</b>	None

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