

Qualification goals

M.Sc. Global Public Health

**Faculty European Campus Rottal-Inn
of Deggendorf Institute of Technology**

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a. Gender neutrality

The use of double forms or other designations of female, male and other genders has been largely avoided in order to maintain legibility and clarity. All designations given to the various groups of university staff apply equally to all genders of the relevant groups.

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2 Objectives of the degree programme

This master's programme in Global Public Health aims to enable graduates of a bachelor's programme to substantiate the knowledge acquired so far with management expertise and in-depth knowledge in order to specifically meet the latest interdisciplinary and multidisciplinary requirements in a globalised, dynamic healthcare sector. They also acquire social skills and methods expertise, which enable them to work confidently and competently in a complex, multi-professional and inter-cultural environment.

The programme is offered by Faculty European Campus Rottal-Inn.

The degree programme deepens the knowledge acquired during a bachelor's or *Diplom* programme in international healthcare, or similar healthcare-related degree programmes. It shall enable graduates to take on management tasks in the field of international healthcare on their own responsibility, in a critically reflected manner and independently. Particularly well-qualified students will furthermore learn the theoretical principles needed for them to pursue a doctoral programme and/or work in scientific fields. Graduates of the master's programme in Global Public Health can carry out both scientifically founded and ethical work on the basis of a systematic approach. In achieving the outlined qualification goals, the programme's applied orientation is of special importance. The application and transfer of scientific knowledge to concrete, current issues in the field of global public health will be ensured through the programme's focus on various fields of application. The master's degree qualification is equivalent to Level 7 within the German Qualifications Framework (DQR) and Level 2 within the Qualifications Framework for German Higher Education Qualifications (QR DH) and qualifies the degree holder thereafter to apply for admission to a doctoral programme.

3 Learning outcomes of the programme

The interdisciplinary nature of the master's degree programme in Global Public Health enables students to identify and present interdisciplinary connections and to take them into account in their own proposed solutions. This is ensured above all by the focus on content and methodology from the first semester onwards.

Thanks to the interdisciplinary orientation of the M-GPH, students are optimally supported in their heterogeneous working environment in practice and strengthened in their interdisciplinary network.

In particular, participants also acquire interdisciplinary and international knowledge that enable them to gain an overview of overall systems and processes in national and international healthcare organisations. This holistic approach enables graduates not only to assess problems from a subject-specific perspective, but also to optimise the overall benefit for the company.

The Global Public Health master's programme includes modules in digital health, sustainable health economics, epidemiology and health data analysis. To provide a holistic view of the challenges in global public health, students are taught health law and ethical content and given knowledge about universal health coverage and project management. This is substantiated by analysing the current research literature. The course concludes with the completion of a master's thesis, which gives students the opportunity to put what they have learned into practice and demonstrate their ability to conduct independent research.

This specialisation and in-depth study must be seen as a particular asset of the programme: the combination of technological aspects of global public health, the economic, legal and ethical considerations as well as the inclusion of epidemiological knowledge and the practical application of intercultural skills in projects reflects the international orientation of the European Campus Rottal-Inn and represents the uniqueness of the degree programme.

4 Study objectives and qualification goals

Knowledge:

- Students have in-depth and extensive application-relevant specialist knowledge in the field of global public health.
- Students acquire in-depth knowledge in information technology, health medicine and nursing, but also in economic, normative and epidemiological subjects such as Digital Health, Sustainable Health Economy and Epidemiology and Health Data Analytics.
- Students have applied and acquired knowledge of international project management and intercultural work and of the role of sustainable development, all critical components for success in the international job market for global public health.
- Graduates are capable of independent academic work and responsible conduct in the respective professional fields.
- They recognise the need to constantly further develop their skills in keeping with changing technologies, methods and solutions.
- Graduates are familiar with the terminology and methodology of relevance to the various areas.
- Students can assess their range of services, identify further training measures and work together internationally, even in large teams.
- They can analyse and evaluate healthcare and nursing related problems and develop solutions and justify them.

Skills:

- Students can research and interpret academic technical texts and apply them to situations in everyday work.
- They can solve problems in an application-oriented manner using scientific methods and develop these further.
- They are able to understand, apply and professionally analyse complex, new methods for solving problems.
- Students can present work results in a structured manner and discuss them with professional proficiency in front of expert audience.

- They are able to use and develop their ability to judge in order to develop practical solutions and concepts, even for new, unfamiliar problems.
- Students form their own opinions on a topic and develop scientific problem solutions that contribute to the expansion of scientific expertise.
- Students learn to assess their strengths and weaknesses and their impact on others.
- They can categorise knowledge from different fields and combine it in a problem-oriented way to solve complex problems.

Competencies:

Graduates acquire the competencies to

- participate in research, development and innovation projects and are familiar with the methods of research and development work.
- create new information and improve working methods by combining expertise from different fields.
- develop service-oriented, sustainable and effective solutions.
- communicate clearly in the workplace and work at an international level in written and spoken English and one other language when developing measures.
- implement theoretically acquired knowledge in a practical and solution-oriented manner.
- understand the importance of planning and strategic thinking as a resource for the development of both professional and community-based global public health promotion.
- apply reliable evidence-based information and advanced solutions for better health and well-being.
- manage change processes that are necessary for advanced global public health.
- evaluate and develop sustainable global public health in a multidisciplinary network in accordance with global sustainability goals.
- understand and apply the different methods used to assess the health of the population.
- improve and protect the health and well-being of all species living on earth.
- develop networks and partnerships in global public health and use them.

- organise themselves and demonstrate teamwork skills in interdisciplinary collaboration.
- reflect on their actions and adapt them to suit ethical, ecological, social and economic requirements.

5 Learning outcomes of modules / module objectives / objectives matrix

Individual modules, their detailed objectives and skills to be acquired by graduates are described in the module handbooks for the master’s degree programme. The following table shows the relationship between individual modules and objectives.

Objectives matrix of the modules in the master’s degree programme in Global Public Health												
Module	Objectives											
	Expertise				Skills				Competencies			
	Global Health	Digitalisation	Academic Methodology	General	Global Health	Digitalisation	Academic Methodology	General	Global Health	Digitalisation	Academic Methodology	General
Semester 1												
Essentials of Global Public Health	xx		x		x		x	x	xx		x	
Digital Health		xx				xx				xx		
Sustainable Health Economy	x			xx	x			xx				x x
Elective Course	xx		x	x	xx				xx			
Elective Course		xx	x			xx				xx		
Epidemiology and Health Data Analysis			xx				xx				xx	
Semester 2												
Global Public Health Law and Ethics	xx			xx	x			xx	x			x
Research Methods and Writing Skills												
Universal Health Coverage	xx		x	x	xx		x	x	xx		x	x
Elective Course	xx		x		xx				xx			
Elective Course		xx	x			xx				xx		
Project Management				xx				xx				x x
Semester 3												
Master’s Thesis Research & Tutorial	x		xx	x				xx	x	x		xx

Key xx strong relation; x medium relation