

STUDY PROGRAM

1st Semester	Credit Points
Population-Based Medicine I	12 CP
Statistics I	6 CP
Project in Health System	6 CP
Biopsychosocial Medicine	6 CP
2nd Semester	
Practice of Population-Based Medicine	9 CP
Population-Based Medicine II	6 CP
Statistics II	6 CP
Public Health	9 CP
3rd Semester	
Practicum	30 CP
4th Semester	
Master Thesis	30 CP

The Master's Program Population-Based Medicine lasts two years (four semesters) and encompasses a total of 120 ECTS (European Credit Transfer and Accumulation System).

Practicum

A key component of the program is the practicum in the third semester. Students can complete it in a private or public organization (e.g., local planning and government offices, hospitals, NGOs) in Germany or abroad. It will give them the opportunity to apply theoretical knowledge from the classroom to real-world settings.

Mentorship

At the beginning of the program, students will be paired with a mentor from the PBM Department who will guide their personal and professional development throughout their studies.

Edition: July 2023

Photo Credits: Fotolia.de, Beate Armbruster

PBM@TÜBINGEN

The international Master's Program in Population-Based Medicine is offered by the Faculty of Medicine. The Department of Population-Based Medicine is part of the Institute of Health Sciences, and looks forward to welcoming national and international students in Population-Based Medicine.

University of Tübingen

Innovative. Interdisciplinary. International. These have been our guiding principles in research and teaching from the very beginning. Founded in 1477, Tübingen is one of Europe's oldest, most respected institutions of higher education. Tübingen's success in the German Government's Excellence Programs since 2012 have placed it among the most outstanding universities in Germany. The University is also well-placed in international education rankings.

The University's excellence in research and teaching offers optimal study conditions to students who come to Tübingen. The attractive study environment is reinforced by many additional services, such as the Language Center, interdisciplinary lectures in the Studium Generale and the state-of-the-art University Library.

The City of Tübingen

Tübingen does not have a university, it is a university: young, creative, open, innovative. The picturesque historical town center and its attractive position on the Neckar River offer a high quality of life whether you are studying, working, or taking a break. So, take inspiration from our University's motto: *Attempto! – I dare! ...* and apply for Population-Based Medicine in Tübingen!



**Universitätsklinikum
Tübingen**

University of Tübingen · Faculty of Medicine

Program Director: Prof. Dr. Norbert Schmitz

Program Coordinator: Dr. Tanja Seifried-Dübon

Geissweg 5/1 · 72076 Tübingen

Phone +49 7071 29-87111 Fax +49 7071 29-5434

pbm.studium@med.uni-tuebingen.de

www.pbm-tuebingen.de

EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



**Study
in Tübingen**

POPULATION- BASED MEDICINE (PBM)

Master of Science

FACULTY OF MEDICINE



FIELD OF STUDY

Population health sciences is the study of the conditions that shape distributions of health within and across populations, and of the mechanisms through which these conditions manifest in the health of individuals. Population health takes a broad, interdisciplinary approach and includes health outcomes as well as patterns of health determinants.

Population-Based Medicine can be defined as population health science with a focus on medical conditions and patient populations, and refers to all aspects of community medical care, from primary prevention to tertiary care. Population-Based Medicine often works with big datasets and epidemiological and statistical methods to identify patterns in the diseases and health of large populations.

The Master's Program Population-Based Medicine is a challenging program at a competitive international level for which high individual effort and performance are required. We strive to prepare students to respond to both challenges and opportunities to improve health within and across populations.

Our goal is to train future population health experts with outstanding methodological knowledge and interdisciplinary expertise to address the full range of factors influencing health and disease. This includes the designing, implementation and evaluation of intervention programs for health problems (e.g., lifestyle modification strategies and stress management), the development of prevention strategies at the population level (e.g., for diabetes, cardiovascular conditions, and cancer), as well as the development of policy recommendations, health education and outreach at community and population level (e.g., digital health technologies).

Find out more about Population-Based Medicine at www.pbm-tuebingen.de or scan this QR-Code:



Keywords: Population-Based Medicine, Public Health, Research Methods, Health Sciences

OPTIONS FOR GRADUATES



A Master's Degree in Population-Based Medicine opens a variety of paths to pursue, including careers in academia, national and international health organizations, government agencies or industry. Our graduates will have acquired skills and techniques in a wide range of health-related areas, as well as collaborative team working, communication and research abilities. They will be empowered with the knowledge and skills to anticipate and address the healthcare needs of the future. Career options could include working at:

- Local planning and government offices (e.g., Public Health Officer)
- Hospitals (e.g., Health Promotion Specialist, Communication Officer)
- Consulting companies (e.g., Health Policy Analyst)
- Health insurance companies (e.g., Health Data Scientist)
- National and international (health) organizations (e.g., Program Manager)
- Pharmaceutical companies (e.g., Population Health Scientist)
- Universities and research institutes (e.g., Research Coordinator)
- Non-governmental organizations (e.g., Strategic Partnership Analyst)
- Various companies (e.g., Occupational Health Manager)

The PBM program also provides a solid foundation for PhD studies.

Start of studies/courses: Summer Semester
Regular duration of study: 4 semesters
Total credits: 120 ECTS
Language of instruction: English

REQUIREMENTS

Students entering the Master's Program Population-Based Medicine must fulfill the following admission requirements:

- A Bachelor's Degree of at least six semesters in health sciences or an equivalent degree in a comparable subject with a grade of 2.5 or better (German grading system)
- English language skills at B2 level CEFR (Common European Framework of Reference for Languages)

Admission Process

Study places will be awarded based on the applicants' qualifications and experiences, as well as their performance in a selection interview.

Criteria for Selection

Criteria for the selection of applicants are the final grade of the Bachelor's Degree, and may also include special achievements of the applicant before, during, or after the Bachelor's Degree. This includes, for example, evidence of relevant practical or scientific activities, as well as competencies in statistics and research methods.

Selection interviews

Based on the criteria outlined above, a ranked list of applicants will be created. According to the order of the ranking, applicants will be invited to a selection interview, which will focus on professional knowledge, aptitude, and motivation, as well as communication and analytical skills. English language skills and competencies in the areas of methods and statistics will also be part of the interview. The selection interview, together with the criteria listed above, will determine the final ranking list for the selection decision.

Application deadline: 15th January. In order to apply for the Master's Program Population-Based Medicine, please visit the link below and complete the online application.
<https://uni-tuebingen.de/en/2048>