

## **University of Tübingen exam regulations for the study program in Population-Based Medicine culminating in an examination for a Master of Science (M. Sc.) – Special Provisions –**

In accordance with §§ 19 paragraph (1) sentence 2 nos. 7 and 9, 32 paragraph (3) of the law governing institutions of higher education, LHG of 1 January 2005 (GBl. p. 1), in the version published 1 April 2014 (GBl. p. 99) most recently amended by article 1 of the law dated 24 June 2020 (GBl. p. 426), the University of Tübingen Senate on ... passed the Special Provisions of these exam regulations for the study program in Population-Based Medicine at the University of Tübingen culminating in an examination for a Master of Science (M. Sc.) degree.

Approved by the President and Vice-Chancellor on ...

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### **A. Validity of General Provisions and requirements**

#### **§ 1 Validity of General Provisions**

The University of Tübingen exam regulations for Master's degree programs culminating in the academic degree of Master of Science (M.Sc.) / Master of Arts (M.A.) – Master's degree framework exam regulations (MRPO) – as amended represent the General Provisions of these exam regulations and are an integral part of them, insofar as no more specific provisions have been made.

#### **§ 2 Requirements for the program**

(1) <sup>1</sup>A prerequisite for studies in this Master's program is a grade of 2.5 or better in a Bachelor's degree of at least six semesters in Health Sciences, or in an equivalent degree in a comparable program. <sup>2</sup>The responsible examination board decides on the equivalency of a degree. <sup>3</sup>The board of examiners may transfer the making of this decision revocably to the head of the board. <sup>4</sup>If there is a restricted number for admission, the articles may specify that the selection committee formed

for the relevant selection process decides instead.

(2) To take part in the Master's program, applicants must also document knowledge of English at least at the level of B2 of the Common European Framework of Reference for Languages (CEFR).

## **B. Goals, content and structure of the program**

### **§ 3 Goals and contents of program, regular duration of study, scope of program**

(1) <sup>1</sup>For the Master of Science program (M. Sc.) in Population-Based Medicine (hereinafter: the program) enable students to acquire the specific qualifications, competencies, knowledge, skills and abilities required in the subject of Population-Based Medicine under § 7 (1) of the MRPO. <sup>2</sup>The objective of the degree program is to deepen or expand the knowledge acquired in the Bachelor's degree program, thus providing the basis for the development and/or application of the student's own ideas (application or research-oriented); graduates possess a broad, detailed and critical understanding at the cutting edge of knowledge in one or more specialized fields and are able

- to apply their knowledge and understanding as well as their problem-solving skills in new and unfamiliar situations related to their field of study in a wider or multidisciplinary context (instrumental competencies),
- to integrate knowledge and deal with complexity,
- and to make academically sound decisions on the basis of incomplete or limited information, taking into account social, scientific and ethical findings resulting from the application of their knowledge and from their decisions,
- to acquire new knowledge and skills independently and to carry out largely self-directed and/or autonomous independent research- or application-oriented projects (systemic competencies)
- to communicate their conclusions and the information and motives underlying them to expert representatives and laypersons in a clear and unambiguous manner, to exchange information, ideas, problems and solutions with both experts and laypersons on a scientific level and to assume prominent responsibility in a team (communicative competencies).

<sup>3</sup>Further details of the course objectives are set out in the module handbook.

(2) <sup>1</sup>The regular duration of study for this degree program is 4 semesters. <sup>2</sup>The program comprises 120 credit points ( CP).

### **§ 4 Academic degree**

The academic degree "Master of Science" (abbr. "M.Sc.") is awarded on the basis of a successful completion of a Master of Science examination (hereinafter: M. Sc.).

### **§ 5 Program structure**

(1) <sup>1</sup>Students complete a program to earn credit points as set out in § 3 para. (2); the program consists of the following modules:

<b>Module no.</b>	<b>P/WP</b>	<b>Module name:</b>	<b>Semester no.</b>	<b>Work for assessment</b>	<b>CP</b>
PMB-1	P	Population-Based Medicine I	1	Written assessment	12
PMB-2	P	Statistics I	1	Written assessment	6
PMB-3	P	Project in Health System	1	Written assessment + oral assessment	6
PMB-4	P	Biopsychosocial Medicine	1	Written assessment	6

PMB-5	P	Practice of Population-Based Medicine	2	Written assessment + oral assessment	9
PMB-6	P	Population-Based Medicine II	2	Written assessment	6
PMB-7	P	Statistics II	2	Written assessment	6
PMB-8	P	Public Health	2	Written assessment	9
PMB-9	P	Practical experience	3	Written assessment	30
PMB-10	P	Master's thesis	4	Master's thesis + oral assessment	30

Notes: FS = recommended semester (subject to availability and change, see module handbook); module no. = current module no. or abbreviation (subject to change, see module handbook); P = compulsory; WP = required elective; CP = credit points; K = written exam; H = assignment; mP = oral defense; final module: Master's thesis and, if required by the exam regulations or the module handbook, an oral examination in the final module.

<sup>1</sup>As part of their degree studies, students must in PMB-9 complete practical work experience (internship) which serves the degree's qualification goals; this practical work must be done outside of university teaching formats and have a workload of 30 CP; the CP are accredited in the PMB-9 module. <sup>2</sup>In justified cases the responsible examination board may permit exceptions to sentence 1, upon application. <sup>3</sup>If an exception is approved under sentence 2, the responsible examination board will decide on the modules and/or classes to be completed as a replacement, under consideration of the provisions set out in § 35 LHG and § 38 MRPO.

## § 6 Module coursework

<sup>1</sup>Details of the module coursework required in each of the modules is set out in the module table in these regulations (§ 5) and in the module handbook. <sup>2</sup>Assessment must be clearly specified as to its type and scope, if this is not set out in the module table.

## § 7 Languages of instruction and examination

<sup>1</sup>English is the language of instruction and examination in this degree program. <sup>2</sup>Furthermore, teachers and examiners may promote and/or conduct classes and/or module coursework in another language for the purpose of teaching that language. <sup>3</sup>Exams are usually conducted in the language in which the relevant classes were held; other assessment is usually conducted in the language in which the relevant classes were held. <sup>4</sup>It is therefore assumed that students have sufficient knowledge of the relevant languages.

## C. Assessment in the program

### I. General Provisions for assessed coursework

## § 8 Multiple-choice procedures

(1) <sup>1</sup>Written assessment in the form of examinations may, in the following cases, be wholly or partly conducted in such a way that the candidate must indicate which of the answers - presented with the examination questions - he or she considers to be correct (multiple-choice procedure). <sup>2</sup>The conditions for the conducting of examinations including multiple-choice questions are:

- the examination tasks are set by the person or persons acting as the examiner, and
- the examinations, after they have been completed, are corrected in their entirety by the person or persons acting as examiners, and
- the examinations are graded by the person or persons acting as examiners according to their respective individual grading scheme according to § 19 MRPO.

<sup>3</sup>Prior to the correction of the examinations, no determination may be made regarding certain assessments, such as the setting of certain grades if a certain proportion of the examination questions are answered correctly or if a certain number of points is achieved.

(2) Regarding assessment conducted via online attendance in accordance with § 12 MRPO, para. (1) applies accordingly.

## **II. Special provisions for the final module**

### **§ 9 Final module**

(1) <sup>1</sup>In the final module, 30 credit points must be obtained. <sup>2</sup>Of these, 24 CP are obtained in the Master's thesis and 6 CP in the oral examination in the final module [this takes the form of a final colloquium as part of the Master's thesis process (6 CP)]. <sup>3</sup>The Master's thesis and the oral examination in the final module are regulated by § 28 MRPO.

(2) The time limit for writing a Master's thesis - from the issuing of the topic to submission of the thesis - is 4 months.

(3) Notwithstanding § 28 (5) sentence 1 MRPO, the Master's thesis is to be written in English; the board of examiners will decide on applications to write the thesis in any other language.

(4) The oral exam in the final module under para. (1) is assessed by one examiner and takes place in the presence of an observer; for grading, § 19 MRPO applies.

(5) The duration of the oral examination in the final module is 30 minutes.

### **§ 10 Subject-specific provisions for admission to final module**

In addition to the prerequisites set out in the MRPO, the subject-related prerequisites for admission to the Master's thesis and the oral exam in the final module are:

- attainment of the credit points in the following modules as set out in the module table: PBM-1, PBM-2, PBM-6, PBM-7

## **D. Deadlines for assessment in the program**

### **§ 11 Deadline for completion of studies**

<sup>1</sup>All coursework and assessment required under the exam regulations for the module coursework must be completed by the end of the student's 8th semester in the subject. <sup>2</sup>If this time limit is exceeded, the student's right to be examined is lost, unless the failure to meet the deadline is beyond the control of the student.

### **§ 12 Academic counseling**

In order to ensure academic success within the limits of the law, students may be called for an interview by the appropriate academic advisor if the following CP have not been achieved in the subject:

- by the end of the 2nd subject-specific semester: 30 CP

**E. Master's overall grade**

**§ 13 Calculation of overall grade**

<sup>1</sup>The overall grade for the program is calculated from the average of all graded modules, as weighted by credit points.

**F. Closing remarks**

**§ 14 Effective date**

<sup>1</sup>These exam regulations come into effect on the date of their publication in the University of Tübingen's official bulletin, the Amtliche Bekanntmachungen. <sup>2</sup>Their first semester of validity is summer semester 2023.

Tübingen,

Professor Dr. Bernd Engler  
President