University of Tübingen exam regulations for the study program in Advanced Biochemistry culminating in an examination for a Master of Science (M. Sc.) – Special Provisions –

In accordance with § 19 (1) sentence 2 nos. 7, 9, as well as § 32 (3) LHG (GBl. 2005, 1) of 01.04.2014 (GBl. p. 99), most recently amended by article 5 of the law dated 11 December 2025 (GBl. 2025 no. 139), the University of Tübingen Senate on 07 May 2026 passed the Special Provisions of these exam regulations for the study program in Advanced Biochemistry at the University of Tübingen culminating in an examination for a Master of Science (M.Sc.) degree.

Approved by the President on 28.07.2026.

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A. Validity of General Provisions and requirements

§ 1 Validity of General Provisions

The University of Tübingen general 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) [1]A prerequisite for studies in this Master's program is a grade of "good" - 2.5 - or better in a Bachelor's degree in the subject of Biochemistry, in a related program covering basically the same material, or an equivalent degree.

[2]The responsible examination board shall decide on the equivalency of a degree. [3]The examination board may transfer the making of this decision revocably to the head of the board. [4]If there is a restricted number for admission, the articles may specify that the selection committee formed for the relevant selection process shall decide instead.

(2) To take part in the Master's program, applicants must furthermore document sufficient proficiency in English.

B. Goals, content and structure of the program

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

(1) [1]Studies in the Master of Science program (M. Sc.) in Advanced Biochemistry (hereinafter: the program) enable students to acquire the specific qualifications, competencies, knowledge, abilities and skills required for a Master's degree in the subject of Advanced Biochemistry under § 7 (1) of the Master's degree framework exam regulations. [2]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)
- accordingly, 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 responsibility in a team (communicative competencies).

[3]Further details of the course objectives are set out in the module handbook.

(2) [1]The regular duration of study for this degree program is 4 semesters. [2]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) [1]Students complete a program to earn credit points as set out in § 3 (2); the program consists of the following modules:

Semester no.	Module no.	P/WP	Module title	Work for assessment	CP
Advanced Theoretical Education area (12 CP)					
1-3	BCH-M-ABC	P	Advanced Biochemistry	oral	9
1-2	BCH-M-CT	P	Current Topics in Biochemistry	-	3
Elective Courses area (18 CP)					
1-2	BCH-M-EC-BCH	P	Elective Course: Biochemistry	written / oral	6
1-2	BCH-M-EC2	P	Elective Course II	written / oral	6
1-2	BCH-M-EC3	P	Elective Course III	written / oral	6
Research Projects area (45 CP)					
1-2	BCH-M-LABTUE	P	Research Project in Tübingen	written / oral	15
2	BCH-M-LAB2	P	Research Project II	written / oral	15
3	BCH-M-LAB3	P	Research Project III	written / oral	15
Advanced Qualifications area (15 CP)					
2-3	BCH-M-AQ	P	Advanced Qualifications	written / oral	15
Final module area / Master's thesis (30 CP)					
4	BCH-M-MSC	P	Master thesis module (final module)	Master's thesis	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 exam; PF = portfolio assessment, foP = formative assessment.

Note: The information provided in the table regarding the recommended semester of study applies to students who begin their studies full-time in the winter semester. Students who begin the program in summer semester - insofar as this is permitted - should consult the relevant module handbook or academic advisors.

[2]Classes in the Elective Courses, Research Projects and Advanced Qualifications areas are detailed in the module handbook.

§ 6 Module coursework

[1]The module coursework required in each of the modules is set out in the module tables in these regulations (§ 5) and in the module handbook. [2]Assessment must be clearly specified as to its type

and scope, if this is not set out in the module tables. [3]For the modules BCH-M-EC2, BCH-M-EC3 and BCH-M-AQ, students may be directed to the module handbook of the respective area in which the modules originate.

§ 7 Languages of instruction and examination

(1) [1]English is the language of instruction and examination in this degree program.

[2]At the discretion of the instructors, module assessment may be required and completed in the languages in which the module's classes are taught. [3]Assessment is usually conducted in the language in which the relevant classes were held; other coursework is usually conducted in the language in which the relevant classes are held. [4]In accordance with the state of research and teaching, non-German language content may be the subject of classes. [5]It is therefore assumed that students have sufficient knowledge of the relevant languages.

(2) Furthermore, teachers and examiners may promote and/or conduct classes and/or module coursework in another language for the purpose of teaching that language.

C. Assessment in the program

I. General Provisions for assessed coursework

§ 8 Multiple-choice procedure

(1) [1]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). [2]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.

[3]Prior to the correction of the examinations, no final 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, paragraph (1) applies accordingly.

§ 9 Deadlines for repeating assessment

[1]The first repeat exam under § 26 MRPO must be taken the following semester at the latest. [2]Notwithstanding § 26 (2) sentences 1 and 2 MRPO, any second repeat exam must be taken at the latest one semester after the first repeat exam.

II. Special provisions for the final module

§ 10 Final module

(1) [1]The student shall write the Master's thesis as part of the final module; this is regulated in § 28 of the MRPO. [2]In the final module, students must obtain 30 credit points.

(2) The time limit for writing a Master's thesis - from the issuing of the topic to submission of the thesis - is 6 months.

(3) Notwithstanding § 28 (4) sentence 1 MRPO, the Master's thesis is to be written in English; the board of examiners shall decide on applications to write the thesis in any other language.

§ 11 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 process are:

- the student must have obtained credit points in the modules required up to and including the third subject-specific semester, as set out in the module table.

D. Master's overall grade

§ 12 Calculation of overall grade

The overall grade of the Master's examination is calculated on thirty-four percent of the grade for the final module (Master's thesis), plus thirty-four percent of the grade for the module BCH-M-ABC Advanced Biochemistry, plus thirty-two percent of the average of the grades obtained in Elective Courses modules.

E. Deadlines for assessment in the program

§ 13 Deadline for completion of studies

[1]All coursework and assessment required under the exam regulations for the module coursework must be completed by the end of the student's **eighth** semester in the subject. [2]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.

§ 14 Academic counseling

In order to ensure academic success within the limits of the law, students should 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 fifth subject-specific semester: 60 CP);

by the end of the sixth subject-specific semester: 90 CP).

F. Closing remarks

§ 15 Effective date and transitional arrangements

[1]These exam regulations come into effect on the date of their publication in the University of Tübingen's official bulletin, the Amtliche Bekanntmachungen. [2]Their first semester of validity is the winter semester 2026/2027.[3]Students who commenced their Master of Science in Biochemistry studies at the University of Tübingen prior to the semester specified in sentence 2 are - subject to the following provisions - entitled to complete their module coursework in that degree program at the University of Tübingen by 31.03.2030 under the previously valid rules; however, regarding the examination board, § 6 MRPO applies. [4]Students who commenced their Master of Science in Biochemistry studies at the University of Tübingen prior to the semester specified in sentence 2, are entitled to switch and complete their module coursework in the degree program under these current exam regulations upon written application, which must be submitted to the responsible examination office by 31.03.2027. [5]If no application under sentence 4 above is lodged, then - after the deadline specified in sentence 3 - the module coursework in the degree program must be completed under these current regulations. [6]Module coursework completed previously will, in cases of sentences 4 and 5 above, be accredited according to the new exam regulations and the corresponding module handbook, subject to the following provisions. [7]These exam regulations do not grant any new or additional right to be assessed in an area already assessed; any fails in assessed work under the previous exam regulations will be included. [8]Furthermore the responsible board of examiners may agree suitable transitional arrangements in individual cases, particularly if previous classes are no longer offered as before or if certain classes have been completed, possibly offering partial accreditation and/or requiring certain conditions to be fulfilled, particularly if a learning agreement is to be considered.

Tübingen, 28.07.2026

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President