

Study and Examination Regulations of the University of Tübingen for the degree programme of Molecular Medicine with the final academic examination Master of Science (M. Sc.) – General Section –

On the basis of §§ 19 Para. 1 Sentence 2 Item 9, 32 Para. 3 of the State University Law (Landeshochschulgesetz – LHG) (Law Gazette 2005, 1) in the version dated 1 April 2014 (Law Gazette p. 99), last amended by Article 2 of the Law dated 23 February 2016 (Law Gazette p. 108, 118), the Senate of the University of Tübingen adopted the following General Section of the Study and Examination Regulations for the degree programme Molecular Medicine with the final academic examination Master of Science (M. Sc.) in its meeting of 11 May 2017.

The Vice-Chancellor gave his approval on 15 May 2017.

Contents:

General Section

I. General provisions

- § 1 Structure of the Master degree programme
- § 2 Graduation
- § 3 Subjects
- § 4 Examination board
- § 5 Examiners and observers
- § 6 Accreditation of study periods, study and examination achievements

II. Examinations in the Master degree programme / Master examination

- § 7 Purpose of the examination
- § 8 Scope and nature of the Master examination

III. Study achievements and course work examinations

- § 9 Acquiring ECTS credits
- § 10 Study achievements and course work examinations
- § 11 Registration and admission to course work examinations
- § 12 Oral examination achievements
- § 13 Written examination achievements
- § 14 Grading of examination achievements

IV. Master Thesis

- § 15 Prerequisites for admission to the Master Thesis and any other oral examinations to be taken at the end of the degree programme
- § 16 Admissions procedure
- § 17 Master Thesis

V. Passing and failing examinations

- § 18 Passing and failing examinations

VI. Re-taking failed examinations

- § 19 Re-taking course work examinations
- § 20 Re-taking the Master Thesis and any other oral examinations to be taken at the end of the degree programme

VII. Overall Master grade

- § 21 Calculation of the overall Master grade

VIII. Examination report, certificate, certification

- § 22 Report and other certificates
- § 23 Certificate
- § 24 Certification in the case of failure of the overall examination

IX. Final provisions

- § 25 Non-attendance, withdrawal, deception, breach of regulations
- § 26 Precautionary provisions
- § 27 Invalidity of examinations or examination achievements
- § 28 Access to examination files
- § 29 Entry into force and transition regulations

I. General provisions

§ 1 Structure of the Master degree programme

(1) ¹In the degree programme Molecular Medicine with the final academic examination Master of Science (M. Sc.) (hereinafter: Master degree programme), the European Credit Transfer and Accumulation System (ECTS) applies, i.e. all components of the programme are assigned ECTS points (achievement points, credits, AP, CP, ECTS), whose respective number is based on the expected required workload of students. ²Here, unless otherwise specified in the Module Handbook, a workload of students of 30 hours in attendance-based and independent study shall be assumed for one ECTS point.

(2) ¹The Master degree programme is modular. ²The Special Section of the Examination Regulations / the Module Handbook lists the form, scope and content of the modules to be taken and the corresponding credit points.

(3) The Master degree programme has a course work examination system.

(4) ¹The required study work corresponds to 60 ECTS points, of which 27 ECTS points are allocated to the Master Thesis and 33 ECTS points to the other subject-specific achievements. ²In addition to the Master Thesis, an oral final examination at the end of the degree programme, an oral examination about the content of the Master Thesis and / or a Thesis-related final colloquium may also take place.

(5) ¹The designated period of study of the degree programme until the acquisition of the academic degree is two semesters, including all study and examination achievements as well as any required further achievements, such as excursions and internships. ²All study and examination achievements and examinations of these Regulations may be taken prior to the time specified in the Study and Examination Regulations, if evidence of the achievements required for admission has been provided and the relevant capacities exist. ³For two-cycle degree programmes, which lead to a Bachelor degree and a subsequent subject-related and specializing or cross-subject and expanding Master degree, the total designated period of study is a maximum of five years.

(6) The Special Section of the Study and Examination Regulations may contain a provision that the students must complete a practical activity that serves the study programme objective.

§ 2 Graduation

On the basis of the successfully completed Master of Science examination, the academic degree of "Master of Science" (abbr.: "M.Sc.") is awarded.

§ 3 Subjects

¹In the Master degree programme, one Master subject is studied. ²The elective modules are set forth in the Special Section of these Regulations and are described in detail in the Module Handbook, which is handed out at the beginning of each semester.

§ 4 Examination board

(1) ¹For the organization of examinations and all other tasks not expressly assigned differently by these Regulations, the faculty of Medicine shall establish an examination board. ²The chair of the examination board, the representative in case of the chair's absence, the further members and their representatives are appointed by the faculty. ³The examination board is comprised of faculty members as follows:

1. 3 full-term university lecturers,
2. 2 academic members of staff,
3. 1 student (in an advisory capacity).

⁴The chair of the examination board may only be held by a professor; this also applies to the representative of the chair. ⁵As a rule, the chair shall handle the everyday business of the examination board. ⁶Moreover, the board may assign specific revocable tasks to the chair, unless expressly ruled out; this does not apply to the decision regarding appeals. ⁷To assist the chair in carrying out everyday business, an examination office may be made available. ⁸Resolutions taken by the examination board are taken with a majority vote of members; in the event of a tie, the chair has the deciding vote. ⁹Re-appointment is permitted, also repeatedly; if a member retires, the new member is appointed until the end of the ongoing term of office; following the expiry of the term of office, the members remain in office until the appointment of the new members.

(2) The term of office of members is three years; that of the student members is one year.

(3) ¹The examination board must ensure that the provisions of these Regulations are complied with. ²It shall report regularly to the faculty regarding the development of examinations and study durations, including the time required to write the Master Thesis, and regarding the distribution of subject-specific and overall grades. ³The examination board must ensure that study and examination achievements can be carried out or taken within the periods of time specified in these Regulations. ⁴For this purpose, the students should be informed in good time about the form and number of study achievements required and examinations to be taken, as well as about the deadlines by which these must be carried out, and also about the issue and submission dates for the Master Thesis. ⁵The examination board must also ensure that the statutory precautionary provisions and the provisions of § 32 Para. 4 No. 5 LHG are complied with.

(4) ¹The members of the examination board are entitled to act as observers during examinations. ²The vice-chancellor or an appointed representative may also act as an observer during examinations.

(5) ¹The meetings of the examination boards are closed to the public. ²Members of the examination board, their representatives and any third parties called in are subject to official secrecy. ³If they are not members of the civil service, they shall be sworn to secrecy by the chair.

(6) ¹Negative decisions of the examination board or its chair must be communicated to the candidate immediately in writing, stating the reason and the legal basis for the decision, and must include information on legal remedies available. ²Appeals against these decisions must be submitted in writing to the examination board within one month following notification of the decision. ³If the examination board does not redress the appeal, it must be submitted for a decision to the member of the vice-chancellor's office who is responsible for teaching.

§ 5 Examiners and observers

(1) ¹The examination board shall appoint examiners and, to the extent that it is necessary according to the provisions of these Regulations, shall appoint observers for the individual examinations. ²It may assign the appointment to the chair. ³Course-related examination shall be taken in front of an examiner, unless otherwise specified in the Study and Examination Regulations or the Module Handbook. ⁴Suggestions by the candidate regarding potential examiners may be taken into consideration; there is, however, no entitlement to this. ⁵The observer shall keep the minutes. ⁶Any observers appointed must hold a degree in the

corresponding study programme or a comparable degree.

(2) ¹Only university lecturers, associate professors and academic members of staff, who have been assigned the examination competence on suggestion of the vice-chancellery and by appointment by the faculty chair, are entitled to hold examinations. ²Other members of the scientific staff, such as in particular temporary lecturers, may only be appointed as examiners in exceptional cases if there are not sufficient examiners available as per Sentence 1, and if they hold a degree in the corresponding examination subject, or at least an equivalent qualification in the examination subject.

(3) If, in the case of course work examinations, a repeat examination is taken within the framework of the regular examination schedule specified for the corresponding examination, then the member of the teaching body scheduled to take the regular examination shall be the examiner; if the repeat examination is not taken within the framework of this schedule, an examiner shall be appointed.

(4) § 4 Para. 5 Sentences 2 and 3 shall apply for examiners and observers accordingly.

§ 6 Accreditation of study periods, study and examination achievements

(1) ¹Study and examination achievements, study qualifications and study periods from degree programmes at the University of Tübingen, other state or state-recognised universities or equivalent institutions in the Federal Republic of Germany, or from degree programmes at foreign state or state-recognised universities, shall be accredited to the extent the acquired competences are not essentially different to the achievements or qualifications they are intended to replace. ²The recognition serves the continuation of the study course, the taking of examinations or the admission to a doctoral degree. ³To the extent that agreements and treaties have been concluded between the Federal Republic of Germany and other states on the equivalence in higher education (Equivalency Agreement) should favour students from foreign countries in deviation of Sentence 1 and Sentence 2, the regulations of the Equivalency Agreement shall take precedence; moreover, agreements as part of university partnerships, cooperation agreements and programmes on double or joint degree programmes shall be observed. ⁴Preliminary or intermediate examinations taken at the University of Tübingen or another comparable German university in the same or a comparable degree programme shall be recognized.

(2) Participation in state-recognized long-distance degree programmes shall be credited towards the study duration like the corresponding attendance-based study.

(3) ¹Knowledge and skills acquired outside the higher education system can be accredited if

1. the valid higher education entrance requirements are fulfilled at the time of accreditation,
2. the knowledge and skills to be accredited to the university degree programme are equivalent in content and level to those they are intended to replace, and
3. the criteria for accreditation have been assessed as part of an accreditation.

²Knowledge and skills acquired outside of the higher education system may replace a maximum of 50 percent of the university degree programme. ³With regard to the accreditation, it must be checked in particular whether the knowledge and skills acquired outside the higher education system are equivalent in type and scope to those they are intended to replace. ⁴The manner in which the competences were transferred shall also be taken into account in the decision.

(4) ¹If study and examination achievements are recognised, then the grades shall be transferred, to the extent that the grading systems are comparable, and shall be incorporated into the calculation of the overall grade in accordance with the grading scale indicated in § 14. ²In the case of non-comparable grading systems, the comment "passed" shall be noted; in this case, the grades are not included in the calculation of the module grades and the overall grade, and the provisions specified for their calculation shall be applied accordingly taking into account

this fact. ³The accreditation may be noted in the Transcript of Records. ⁴Moreover, the examination board may determine regulations for the conversion of grades awarded at another university, in particular a partner university.

(5) ¹It is the responsibility of the applicant to provide the necessary information on the achievement to be recognised. ²The burden of proof that an application does not fulfil the requirements of recognition shall lie with the entity that carries out the recognition procedure. ³For decisions on the recognition of foreign qualifications, the assessment proposals of the Central Office of Foreign Education at the Secretariat of the Standing Conference of Cultural Ministers of the Federal States (ZAB) shall be observed.

(6) For the accreditation of credit points from contact study programmes to a university degree programme, Para. 1, Para. 2, Para. 4 Sentences 1-3 and Para. 5 shall apply accordingly if the requirements for university access are fulfilled at the time of accreditation.

II. Examinations in the Master degree programme / Master examination

§ 7 Purpose of the examination

¹The Master examination in Molecular Medicine represents a further professional university degree qualification in the area of Biomedicine/Molecular Medicine that continues on from a first degree. ²With the Master examination, the students verify that they possess a more in-depth basic knowledge and a systematic orientation beyond that of the first degree as well as in-depth knowledge in the area of Biomedicine/Molecular Medicine in self-selected specialist fields, and that they have acquired the ability to independently tackle scientific problems from their Master subject using relevant methods

§ 8 Scope and nature of the Master examination

(1) ¹In addition to the required study achievements and any required additional achievements from course work examinations and the Master Thesis, the Master examination consists of course work examinations and the Master Thesis as well as, if required, a final oral examination at the end of the Master degree programme, an oral examination on the content of the Master Thesis and/or, if required, a final colloquium related to the Master Thesis; it is deemed passed if these are successfully achieved. ²The Special Section / the Module Handbook specify in which modules the course work examinations must be taken that are relevant for the final grades.

(2) The nature and scope of the examinations and the examination requirements and any further, special admission requirements are specified in the Special Section of these Examination Regulations / in the Module Handbook.

(3) The Module Handbook contains the following information on the individual modules:

1. Name of the module,
2. Content and qualification aims,
3. Teaching format(s) in accordance with § 4 Sentence 1 of the Special Section of the Study and Examination Regulations,
4. Participation prerequisites and restrictions,
5. Use of modules and recommended semester,
6. The credit points specified in accordance with these Regulations, the prerequisites for the awarding of credit points, in particular the examination requirements for the relevant examination and whether grades are awarded,
7. Frequency of lectures,
8. Workload and duration of lecture(s).

III. Study achievements and course work examinations

§ 9 Acquiring ECTS credits

(1) ¹The ECTS credits for the individual lectures, modules or other achievements are awarded if all required examination achievements and/or study achievements as well as any other additional achievements have been completed successfully. ²For graded achievements, ECTS credits shall be awarded independently of the grades awarded, as long as these are at least "sufficient".

(2) ¹The Special Section / the Module Handbook specify the required examination and study achievements as well as any other additional achievements, and in which modules or lectures examination achievements are required. ²If an examination is required for a class or a module, then study achievements as well as any further required additional achievements may be necessary in order to acquire the ECTS credits assigned to this class / module. ³In those lectures/modules in which no examination is required, the ECTS credits are acquired by study achievements.

(3) The nature, form, number and scope of the required study and/or examination achievements as well as any additional achievements must be generally specified in such a manner as to ensure that the workload necessary to fulfil these achievements corresponds to the ECTS credits assigned to the respective class / module.

§ 10 Study achievements and course work examinations

(1) ¹Study achievements are individual written, oral or practical achievements that are generally performed by the students in connection with the lectures. ²The study achievements are assessed by the head of the respective class.

(2) ¹Course work examinations within the meaning of these Examination Regulations are the final module examinations (including the associated repeat examinations); these may also comprise several components. ²All provisions of these regulations on examination achievement shall apply similarly to each individual component of an examination. ³The Special Section of these Study and Examination Regulations / the Module Handbook stipulates the nature of these final module examinations: oral and/or written and/or practical. ⁴The Special Section of these Regulations may also stipulate other controlled examinations, which are assessable according to the same standards. ⁵The Master Thesis and any associated oral Master examination, associated colloquia and oral examinations on the content of the Master Thesis are not deemed to be course work achievements.

(3) The date, nature and scope of the course work examinations or study achievements must be announced to the participating students in good time, as a rule at the beginning of the lecture period.

(4) ¹If a candidate can demonstrate an inability to take an examination in part or in its entirety in the intended form due to long-term or continual health problems, health impairment or disability by providing a medical certificate, the chair of the examination board shall permit the candidate, on application, to take the examination within an extended period of time or to fulfil equivalent examination achievements in another form. ²This applies to study and other achievements accordingly. ³The same applies in the event of illness of a child for which the candidate is the primary caregiver.

(5) ¹Students who have been granted leave of absence are not entitled to attend classes and to participate in course work examinations as part of a class. ²Students who have been granted leave of absence on a period of protection in accordance with § 61 Para. 3 LHG (currently periods of protection in accordance with § 3 Para. 1, § 6 Para. 1 of the Maternity Protection Act, parental leave in accordance with § 15 Paras. 1 to 3 of the Parental Allowance and Parental Leave Act, or during times of providing care to close relatives in need of care as per

§ 7 Para. 3 of the Care Period Act, who are in need of care as per §§ 14 and 15 of Volume Eleven of the German Social Insurance Code), are entitled to attend classes and to participate in study achievements and examinations. ³Regulations contained in the Admissions and Enrolment Regulations of the University of Tübingen in their currently valid version shall take priority.

(6) ¹The nature, content and scope of study achievements and course work and other examinations, examination requirements and, if applicable, required additional achievements and any other special admission requirements, may also be laid down in the Module Handbook. ²Regulations contained in the Study and Examination Regulations shall take priority over the regulations in the Module Handbook, however.

(7) The chair of the examination board shall ensure that the relevant examination dates are announced in good time.

§ 11 Registration and admission to course work examinations

(1) For every course work examination, students must register by a date set by the examination board in accordance with the regulations specified by the examination board.

(2) ¹Only those students may be admitted to a course work examination who

1. fulfil the necessary requirements for admission to this degree programme and are registered in the degree programme at the University of Tübingen listed in § 1 Para. 1, and
2. have not lost their examination entitlement (§ 32 Para. 5 LHG) in the degree programme listed in § 1 Para. 1 or in a comparable degree programme with substantially the same content at a university, and
3. fulfil any further necessary requirements as per the Special Section of the Study and Examination Regulations.

²The examination board shall decide on other degree programmes that have substantially the same content.

(3) ¹The examination board shall take the decision regarding admission to course work examinations. ²If admission is denied, the student shall receive a written notification to this effect within four weeks, which shall contain the reasons and possible legal remedies.

³Admission shall be denied if

1. the requirements listed in Para. 2 have not been fulfilled, or
2. the documentation is incomplete and has not been completed in time despite requests to do so.

⁴Admission may also be denied if the student is currently in an ongoing examination procedure in the degree programme listed in § 1 Para. 1 or in a degree programme that with substantially similar content as per Para. 2. ⁵Other reasons for denial are not permitted.

§ 12 Oral examinations

(1) ¹Possible forms of oral examinations include in particular oral examinations, seminar papers, colloquia and presentations. ²Other examination formats may be specified in the Module Handbook.

(2) ¹With the oral examinations, the candidate provides evidence that he/she has recognized the connections between the field of examination and is able to classify particular problems in the context of these connections. ²The oral examinations are furthermore intended to show whether the candidate possesses a broad knowledge base. ³Moreover, the candidate may be given the opportunity to name specific topic (areas of specialization) as part of the oral examinations. ⁴As a rule, the oral examinations shall take between 15 and 30 minutes depending on the candidate. ⁵The oral examinations shall take place in the presence of an observer.

(3) ¹The essential subjects and the essential results of the oral examination shall be recorded in the minutes, which shall be signed by the examiner and, if an observer is present, by the observer. ²The candidate shall be notified of the result of the oral examination at the end of the oral examination.

(4) ¹The examinations are not open to the public. ²Students who wish to take the same examination at a later date may be admitted as observers if there is sufficient room, unless the candidate objects. ³Admission is not permitted during the consultation between examiners of the examination results and the notification of these to the candidate.

§ 13 Written examinations

(1) ¹Possible forms of written examinations include, in particular, invigilated examinations, written assignments, written notes of a presentation, research reports and laboratory notes. ²Other forms of examinations may be specified in the Module Handbook.

(2) ¹In invigilated examinations and other written assignments, the candidate provides evidence that he/she is able to recognize a problem and can find ways to solve it within a limited period of time and with limited access to resources using the methods of the study subject. ²The candidate may be given several tasks, from which he/she may choose one to work on. ³As a rule, invigilated examinations shall take at least 60 minutes and at the most 240 minutes.

(3) ¹Minutes shall be kept on the process of invigilated examinations, in which specific incidents, in particular attempts on the part of a candidate to influence the result by means of deception or the use of inadmissible resources, shall be recorded. ²The minutes shall be signed by the invigilators.

§ 14 Grading of examination achievements

(1) ¹The grades for the individual examination achievements are determined by the respective examiners. ²For the grading of the examination achievements, the following grades are used:

1 = excellent	= an excellent achievement;
2 = good	= an achievement that is considerably above the average requirements;
3 = satisfactory	= an achievement that satisfies the average requirements;
4 = sufficient	= an achievement that just satisfies the requirements despite its flaws;
5 = fail	= an achievement that no longer satisfies the requirements due to considerable flaws.

³In order to provide a differentiated assessment of examination achievements, the grades may be raised or lowered by the value of 0.3. ⁴The grades 0.7, 4.3, 4.7 und 5.3 are not assigned.

(2) The grades in the modules are as follows:

for an average up to 1.50	= excellent,
for an average from 1.51 to 2.50	= good,
for an average from 2.51 to 3.50	= satisfactory,
for an average from 3.51 to 4.00	= sufficient,
for an average from 4.01	= fail.

(3) ¹If a final module examination comprises several graded components, the module grade

is calculated from the average of the individual examination grades weighted by credit points, unless otherwise specified in these Regulations and in particular the Special Section of these Study and Examination Regulations. ²This shall take into consideration two decimal places after the decimal point; all further places shall be disregarded without rounding up or down.

(4) ¹If examination achievements are graded by several examiners, the resulting grade is calculated from the arithmetic mean of the individual grades. ²Here, Para. 2 and Para. 3 Sentence 2 shall apply accordingly.

(5) The calculation of the overall Master grade is specified in § 21.

(6) If examination achievements are imported from other degree programmes, the regulations of the degree programme from which the examination achievement originates shall apply for the grading of this examination achievement.

IV. Master Thesis

§ 15 Prerequisites for admission to the Master Thesis and any other oral examinations to be taken at the end of the degree programme

Admission to the Master Thesis and any other required oral examinations at the end of the Master degree programme, the oral examination regarding the content of the Master Thesis and / or any required final colloquium associated with the Master Thesis may only be granted to those students who:

1. fulfil the admission requirements as per § 11 Para. 2,
2. fulfil any further subject-specific admission requirements required in the Special Section of these Study and Examination Regulations.

§ 16 Admissions procedure

(1) ¹Application for admission to the Master Thesis and any other required oral examinations at the end of the Master degree programme, the oral examination regarding the content of the Master Thesis and / or any required colloquium associated with the Master Thesis (registration) must be submitted in writing to the examination board. ²It must name the degree programme and the candidate's suggestion for an examiner, if applicable. ³The application must include:

1. record of study or corresponding documentation,
2. evidence of the requirements listed in § 15 Items 1-2,
3. a statement of whether the candidate has definitively lost the entitlement to examination (§ 32 Para. 5 LHG) in the degree programme listed in § 1 Para. 1 or a degree programme at a university with substantially similar content as per § 11 Para. 2, or is taking part in an ongoing examination procedure in the same degree programme or in a comparable degree programme as per § 11 Para. 2.

(2) If it is not possible for the candidate to attach one of the required documents listed in Para. 1 in the prescribed manner, the examination board may permit other evidence on a case-by-case basis.

(3) The examination board shall take the decision regarding admission.

(4) ¹The candidate shall be deemed to be admitted if the application is not rejected within two weeks. ²The application must be rejected if the admission requirements have not been fulfilled. ³Admission can also be denied if the student is currently in an ongoing examination procedure in the Master degree programme listed in § 1 Para. 1, or a comparable degree programme with substantially similar content as per § 11 Para. 2. ⁴Other reasons for rejection are not

permissible. ⁵Reasons for the rejection must be provided in writing.

§ 17 Master Thesis

(1) ¹The Master Thesis represents an examination. ²It is intended to show that the author is able to work independently on a problem within a prescribed period of time according to scientific methods and to present the thus obtained results appropriately in writing. ³The topic must be selected from the field of Biomedicine/Molecular Medicine; as a rule, this should be provided by the examiner according to § 5 within the framework of the Master Thesis module during the second semester of study. ⁴If the candidate fails to find a topic for the Master Thesis, the chair of the examination board shall ensure, on written application, that the candidate receives a topic for the Master Thesis in good time. ⁵The topic shall be handed out via the examination board; the date of handing out and the topic shall be recorded on file. ⁶The candidate shall be given the opportunity to make suggestions for the topic of the Master Thesis; there is, however, no entitlement that this is taken into consideration, however.

(2) ¹The candidate has six months to complete the Master Thesis; the topic should be selected and the task limited by the supervisor in such a way that the Master Thesis can be completed within this period. ²The submission deadline may be extended by the examination board in justified cases on application.

(3) ¹The Thesis should be written in German or English, at the student's choice, unless otherwise specified in the Special Section of these Regulations; the examination board decides on applications regarding the use of another language. ²A bound copy of the completed Master Thesis must be submitted to the examination board within the specified period, and in addition, in a file format determined by the examination board. ³The date of submission shall be recorded on file. ⁴The Master Thesis may, in addition to a printed text, also contain multimedia components on electronic data carriers, if this is required by the topic. ⁵The assessment procedure should be completed four weeks after submission of the Thesis at the latest; the monitoring of this deadline is the responsibility of the examination board. ⁶In the event of illness or other reasons why the examiner(s) are not able to keep to this deadline, the examination board may appoint other examiners.

(4) The candidate shall attach a personally signed declaration to the Master Thesis, in which he/she ensures that he/she has written the Master Thesis independently, has not made use of any other than approved aides and sources, has labelled as such all statements that have been taken, in letter or in substance, from other authors' work, and that the Thesis has not been the subject of another examination procedure, either in essential parts or in its entirety, that he/she has not already published the Thesis either in in essential parts or in its entirety, and that the copy submitted in file format corresponds to the bound copies submitted.

(5) ¹The Master Thesis is assessed by two examiners, one of which may be the supervisor of the Thesis. ²§ 14 Para. 1, and, if the assessment is carried out by more than one person, § 14 Para. 4 shall apply accordingly. ³If there is more than one examiner, and the individual grades deviate from one another by more than a whole grade level within the meaning of § 14 Para. 1 Sentence 2, or if at least one of the grades is "fail", the chair of the examination board shall obtain the assessment of a further examiner. ⁴In exceptional cases, on application by the candidate, the examination board may permit the Master Thesis to be supervised by a university lecturer or associate professor at another institution within or outside the University of Tübingen or by a university lecturer or associate professor from another department or faculty.

(6) ¹For any required final oral examination at the end of the Master degree programme, an oral examination regarding the content of the Master Thesis, and any required final colloquium associated with the Master Thesis, the regulations on oral examinations shall apply accordingly, unless otherwise specified in the Special Section of these Study and Examination Regulations or in the Module Handbook. ²These shall be assessed by one person as examiner and shall take place in the additional presence of an observer; § 14 shall apply for the grading.

V. Passing and failing examinations

§ 18 Passing and failing examinations

(1) ¹An examination shall be deemed as passed if it receives at least the grade “sufficient” (4.0); a final module examination, which comprises several graded components, is deemed as passed if the module grade is at least “sufficient” (4.0) and each of the components are individually given at least the grade “sufficient” (4.0). ²The Master Thesis and any required final oral examination at the end of the Master degree programme, an oral examination regarding the content of the Master Thesis, and any required final colloquium association with the Master Thesis shall be deemed as passed if they receive at least the grade “sufficient” (4.0); these must each have passed individually.

(2) ¹If the candidate fails a course work examination or the Master Thesis, the chair of the examination board shall inform the student hereof together with advice on legal remedies, which also contain information on whether and to what extent the examination may be retaken. ²Except for cases in which the Master Thesis is deemed as failed, the notification of examination results may also take place in another way. ³For any required final oral examination at the end of the Master degree programme, oral examination regarding the content of the Master Thesis, and any required final colloquium association with the Master Thesis, the provisions on the Master Thesis in Sentences 1 and 2 shall apply accordingly.

(3) ¹If a candidate has definitively failed a course work examination, he/she shall receive, on application and on presentation of the relevant evidence and the de-registration certificate, a certificate from the examination board that contains the examination achievements and if applicable, study achievements and their grades, as well as the examination achievements still lacking for the respective examination, and which also shows that the examination was not passed. ²This shall apply accordingly if the entitlement to take study and examination achievements has expired.

(4) If the examination achievements are imported from other degree programmes, the regulations of the degree programme in which the examination was taken shall apply with regard to passing and failing.

VI. Re-taking failed examinations

§ 19 Re-taking course work examinations

(1) ¹Course work examinations that are failed or are deemed to be failed may be re-taken twice. ²Examination registration as per § 11 Para. 1 shall also be considered as conditional registration for the respective repeat examinations. ³For a repeat examination, only those examination components are re-taken that were received a grade worse than “sufficient” (4.0) in the first attempt; the grades of the other examination achievements of the first attempt will be taken into consideration when calculating the grades.

(2) ¹Under consideration of any deadline for the Master examination intended in the Study and Examination Regulations, the repeat examination shall be taken in the semester following that of the failed examination, at the latest however in the semester following that, and as a rule takes place during the regular examination dates in terms of time and content. ²If the deadline to take the repeat examination is not met, the examination shall receive the grade “fail” (5.0), unless the student was not responsible for the delay.

(3) If the failed examination or examination achievement has not been taken six weeks before the beginning of the lecture period of the following semester at the latest, and if the admission to an examination in the following semester or attendance of any classes in the following

semester is dependent on the repeat examination being passed, then the student shall be given the opportunity, on application to the examination board, to take the repeat examination in sufficient time as to be admitted to this examination or to attend this class.

(4) In general, there should be a period of at least three weeks between the notification of the examination results of the first examination attempt and the repeat examination.

(5) ¹For a repeat examination that is not taken within the schedule of the examination dates in the semester following the failed examination, the form of the examination achievement may deviate from the form of examination specified in the subject-specific provisions and in particular in the Module Handbook, if required by subject-specific circumstances. ²The student must be informed of the nature and scope of the examination achievements in the repeat examination, at the latest when he/she is informed of the date of the repeat examination.

(6) Students are not permitted to re-take an examination that has been passed.

§ 20 Re-taking the Master Thesis and any other oral examinations to be taken at the end of the degree programme

(1) ¹A Master Thesis that has failed or deemed to be failed can be repeated once; it cannot be repeated a second time. ²The application to repeat must be submitted at the latest two months after the examination notification comes into effect; if this deadline is not met, the entitlement to examination expires unless the student was not responsible for the delay. ³The topic may only be returned once and only within the first 2 months of the period allocated to preparing the Thesis; in this case, the period allocated to preparing the topic starts again from the beginning. ⁴However, in the case of a re-take, the topic may only be returned if the student did not make use of this option during the first attempt.

(2) Students are not permitted to re-take a Master Thesis that has been passed.

(3) For any required final oral examination at the end of the Master degree programme, oral examination regarding the content of the Master Thesis, and any required final colloquium associated with the Master Thesis, the provisions of Para. 1 Sentences 1 and 2, and Para. 2 shall apply accordingly.

VII. Overall Master grade

§ 21 Calculation of the overall Master grade

(1) If the Master examination is passed, an overall Master grade is calculated, whereby the respective decimal grades shall be used as the calculation basis.

(2) ¹The calculation of the overall Master grade is described in the Special Section of these study and examination Regulations. ²§ 14 Para. 2 and § 14 Para. 3 Sentence 2 shall apply accordingly for the Master grade, unless otherwise specified in these Regulations and in particular in the Special Section of these Regulations.

VIII. Examination report, certificate, certification

§ 22 Examination report and other documentation

(1) ¹If the candidate has passed the Master examination, he/she shall receive an examination report. ²The report contains the overall Master grade and the topic of the Master Thesis. ³The report is signed by the Dean of the faculty of Medicine and by the chair of the examination board. ⁴It names the date on which the final examination associated with the Master examination was taken. ⁵It is issued in German; an English translation is also issued.

(2) ¹The University shall issue a Diploma Supplement (DS), corresponding to the “Diploma Supplement Modell” of the European Union/Council of Europe/UNESCO, that shows the profile of the degree programme, as well as a Transcript of Records, both in German; an English translation is also issued.

²The Transcript of Records contains the following information

- the modules taken as part of the Master degree programme and their components and ECTS credits,
- the module grades,
- the grade of the Master Thesis and any required final oral examination at the end of the Master degree programme, any required oral examination regarding the content of the Master Thesis, and any required final colloquium association with the Master Thesis.

³The grades shall be given in the form of decimal grades.

(3) ¹The overall grade is supplemented by a relative grade on the basis of the European Credit Transfer and Accumulation System. ²This can occur in particular in accordance with the ECTS Users' Guide by means of an ECTS Grading Table (indication of the statistical distribution of grades in a percentage of specific examination cohorts) in the Transcript of Records or the Diploma Supplement. ³Details of the information on the relative grade are determined by the examination board under consideration of the European framework requirements.

§ 23 Certificate

(1) ¹At the same time as the report is issued, the candidate shall receive a Master certificate with the date of the report. ²This certifies the awarding of the academic Master degree as per § 2. ³An English translation of the certificate is also issued.

(2) The Master certificate is signed by the Dean and the chair of the examination board and is stamped with the University seal.

(3) The academic degree may only be used after the certificate has been presented.

§ 24 Certification in the case of failure of the overall examination

(1) Students who have definitively failed the Master examination shall receive a written certification thereof from the examination board, which shall also contain advice on legal remedies.

(2) ¹If the student has definitively failed the Master examination, he/she may be issued, on application, a written certification signed by the chair of the examination board, which contains his/her examination achievements and, if applicable, the Transcript of Records, and shows that the Master examination has been failed definitively. ²The same applies if the examination entitlement has lapsed after expiry of the deadline to take examinations for the Master examination.

IX. Final provisions

§ 25 Non-attendance, withdrawal, deception, breach of regulations

(1) ¹An examination achievement shall receive the grade “fail” if the candidate fails to attend an examination without good cause and without having given notice to the examination board in good time in the specified manner, or if he/she withdraws from the examination after it has begun without good cause. ²The same applies if a written or practical examination is not taken within the prescribed time period. ³It is possible to withdrawal from a written or practical examination or the Master Thesis without giving reasons up to and including the fifth working

day (excluding Saturdays) before the first day of the examination. ⁴For oral examinations, withdrawal must be declared up to and including the fifth working day (excluding Saturdays) before the first day of the respective examination date at the latest.

(2) ¹The reasons given for withdrawing from an examination or non-attendance must be provided to the examination board immediately in writing and must be credible. ²In the case of illness of the candidate or a child for whom the candidate is the primary caregiver, a medical certificate may be required. ³If the reasons are recognised, a new date shall be set. ⁴In such a case, the examination results already available shall be counted towards the examination.

(3) ¹If a candidate attempts to influence the result by means of deception or the use of inadmissible resources, the respective examination achievement shall receive the grade "fail" (5.0). ²A candidate who disrupts the due course of the examination process may be excluded from continuing the examination by the relevant examiner or the invigilator; in these cases, the respective examination shall receive the grade "fail" (5.0). ³In serious cases of Sentences 1 and 2, the examination board may exclude the candidate from taking any further examinations.

(4) ¹The examination board shall make the decision on whether to recognise reasons for non-attendance and withdrawal. ²The candidate may request that decisions as per Para. 3 are reviewed by the examination board, within a period of one month.

(5) If examination achievements are imported from other degree programmes, the regulations of the degree programme in which the examination was taken apply to registration, non-attendance, withdrawal, deception and breach of regulations with regard to these examination achievements shall apply.

§ 26 Precautionary provisions

(1) ¹Claiming statutory periods under the Maternity Protection Act and parental leave is guaranteed in accordance with applicable law on parental allowance and parental leave (Bundeselternzeit- und Elternzeitgesetz - BEEG); the examination board shall decide on application on the extension and its duration. ²The opportunity to fulfil family responsibilities shall be ensured in accordance with § 32 Para. 4 Number 5 LHG; the examination board shall decide on application on the extension and its duration.

(2) ¹Students who, without being unable to study, are not able to regularly attend classes or fulfil the expected study and examination achievements or any additional achievements due to long-term illness or long-term or continuous physical disability, may submit an application to the examination board to take the Master examination within a reasonable period of time after any deadlines specified in these Examination Regulations. ²The student must indicate the extension period applied for; the examination board shall decide on the duration of the extension. ³The relevant evidence, in particular medical certificates, must be included in the application. ⁴The student is obliged to give notification of any changes to his/her conditions immediately. ⁵The examination board shall assess whether the above-mentioned prerequisites are fulfilled and shall inform the student immediately of its decision or, if applicable, of the new examination deadlines.

(3) Activities as an elected member of a body provided for in law, or in statutory bodies of the University or the student union for at least one year may discount up to one academic year when calculating examination deadlines; the decision shall be taken by the vice-chancellor.

§ 27 Invalidity of examinations or examination achievements

(1) ¹If the candidate cheated during an examination, the grade of the examination achievement during which the student cheated may be corrected, even if this fact becomes known after the examination report has been issued. ²Where required in such cases, the other grades, examination or examination achievements, which may be affected by the change of this grade in the calculation of grades, may be amended correspondingly and thus be deemed "fail", and

the overall Master grade may be amended, if necessary, by the examination board and thus be deemed “fail”, and thus the Master examination may be declared as failed.

(2) ¹If the prerequisites for admission to an examination or examination achievement were not fulfilled, but without any deception intention on the part of the student, and if this fact only becomes known after the examination report has been issued, this fault shall be deemed remedied by the passing of the examination or examination achievement. ²If the candidate wrongly obtained admission with intent, the grades of the corresponding examination may receive the grade “fail” and be corrected accordingly, including the grades for the overall examination achievement in the case of examinations comprising several components, and where required, be graded “fail”, and where required, the Master examination may also be deemed as failed.

(3) ¹The candidate shall be given the opportunity to make a statement prior to a decision. ²The possibility to revoke an academic Master degree in accordance with statutory regulations remains unaffected by Paras. 1 and 2.

(4) ¹The incorrect examination report and any incorrect Transcript of Records shall be retracted and a new one issued, if applicable. ²The Master certificate shall also be retracted together with the incorrect examination report, if the examination or examination achievement is deemed as failed due to deception as per Para. 1 or Para. 2 Sentence 2. ³A decision according to Para.1 and Para. 2 Sentence 2 is excluded after a period of five years, beginning from the date of the examination record.

(5) Paras. 1-4 apply accordingly to study achievements.

§ 28 Access to examination files

(1) After conclusion of the Master examination, the graduate shall be entitled, on application, to access his/her Master Thesis and the related assessments within one year, and to the minutes of any required oral examination at the end of the Master degree programme, oral examination on the content of the Master examination or any required final colloquium associated with the Master Thesis, also within one year.

(2) ¹In general, a period of four weeks from the date of notification of examination results shall be given to access written course work examinations or examination minutes of oral course work examinations. ²Furthermore, additional general dates for access to specific examination achievements may be offered.

(3) ¹The relevant applications must be submitted in writing to the chair of the examination board. ²The examination board shall determine the time and place of access.

§ 29 Entry into force and transition regulations

¹These Study and Examination Regulations shall come into effect on the date following publication in the Official Notifications of the University of Tübingen. ²They shall apply for the first time for the winter semester 2017/2018. ³Students who began their Master degree course in the degree programme Molecular Medicine at the University of Tübingen prior to the previously mentioned semester, shall take the Master examination in Molecular Medicine at the University of Tübingen in accordance with the previously applicable regulations.

Tübingen, 15 May 2017

Professor Dr Bernd Engler
Vice Chancellor

Study and Examination Regulations of the University of Tübingen for the degree programme Molecular Medicine with the final academic examination of Master of Science (M. Sc.) – Special Section –

On the basis of §§ 19 Para. 1 Sentence 2 Item 9, 32 Para. 3 of the State University Law (Landeshochschulgesetz – LHG) (Journal of Laws 2005, 1) in the version dated 01 April 2014 (Journal of Laws p. 99), last amended by Article 2 of the Law dated 23 February 2016 (Journal of Laws, p. 108, 118), the Senate of the University of Tübingen adopted the following Special Section of the Study and Examination Regulations for the degree programme Molecular Medicine with the final academic examination Master of Science (M. Sc.) in its meeting of 11 May 2017.

The Vice-Chancellor gave his approval on 15 May 2017.

Contents:

Special Section

§ 1 Validity of the General Section

I. Goals, content and structure of the degree programme

§ 2 Course content and goals, designated period of study, scope of studies, commencement of studies

§ 3 Structure of the degree programme

II. Teaching of course content

§ 4 Types of classes within modules

§ 5 Study and examination languages

§ 6 Types of examinations

III. Organization of teaching and the degree programme

§ 7 Scope of studies

IV. Master examination and overall Master grade

§ 8 Nature and method of the Master examination

§ 9 Master Thesis

§ 10 Calculation of the overall Master grade

V. Final provisions

§ 11 Entry into force and transition regulations

§ 1 Validity of the General Section

The Study and Examination Regulations of the University of Tübingen for the degree programme Molecular Medicine with the final academic examination of Master of Science (M. Sc.) – General Section – is part of these Regulations in their currently valid version, unless other special regulations are in place.

I. Goals, content and structure of the degree programme

§ 2 Course content and goals, designated period of study, scope of studies, commencement of studies

(1) ¹The Master degree programme is a consecutive and research-oriented degree programme. ²The study of the M. Sc. in Molecular Medicine is intended to enable the acquisition of long-term scientific qualifications aimed at systematic critical knowledge attainment and advances in insight, which form the basis of a general, scientifically sound professional qualification of the student in the area of Biomedicine/Molecular Medicine; the

degree programme follows on from a first university degree and extends acquired competences in the subject. ³The subject covers a range of focus subjects, which are formed from the four main research areas of the university clinic at the University of Tübingen: Infectiology, Immunology, Neurosciences and Oncology. ⁴Students should acquire sound knowledge in the field of human medical research. ⁵They should be enabled to solve problems independently, creatively, critically and responsibly, particularly in research, development and management, using the methodological and experimental means of this subject.

(2) ¹The designated period of study in this Master degree programme Molecular Medicine is specified in § 1 Para. 5 of the General Section of these Regulations. ²A total of 60 credits must be achieved in order to successfully complete this M.Sc. degree programme. ³Commencement of studies (winter or summer semester) is specified in the Admission and Enrolment Regulations of the University of Tübingen in their currently valid version.

(3) ¹The prerequisite for admission to the Master degree programme is a Bachelor degree in Molecular Medicine or an equivalent degree with a total of 240 ECTS credits in general and a grade of at least 3.0. ²The examination board shall decide on equivalence of degrees. ³It may revocably transfer the decision to the chair of the examination board. ⁴In the case of a specified number of admissions, the statute may provide that the decision is instead taken by the relevant selection committee formed for the respective selection procedure. ⁵Details may be stipulated in the selection statute.

(4) ¹In addition, evidence of English-language skills corresponding to at least C1 of the Common European Framework of Reference for Languages (GER) must be provided for the Master degree programme Molecular Medicine. ²The examination board shall decide on the existence of the prerequisites as per Sentence 1. ³It may revocably transfer the decision to the chair of the examination board. ⁴In the case of a specified number of admissions, the statute may provide that the decision is instead taken by the relevant selection committee formed for the respective selection procedure. ⁵Details may be stipulated in the selection statute.

§ 3 Structure of the degree programme

(1) ¹The Master degree programme Molecular Medicine is divided into two study semesters. ²It concludes with the Master examination.

(2) ¹Students complete a programme of 60 credit points, which is made up of the following modules:

Module number (subject to changes, see Module Handbook)	Compulsory / Compulsory elective	Module name	Recommended semester (subject to availability and changes, see Module Handbook)	ECTS points
1		Advanced Lectures in Molecular Medicine	1	Σ 6
1.1	Compulsory elective	Advanced Immunology	1	3

1.2	Compulsory elective	Advanced Neurosciences	1	3
1.3	Compulsory elective	Advanced Oncology	1	3
1.4	Compulsory elective	Advanced Infection Biology	1	3
2		Laboratory Rotation A	1	Σ 12
2.1	Compulsory elective	Laboratory Rotation Immunology A	1	12
2.2	Compulsory elective	Laboratory Rotation Neurosciences A	1	12
2.3	Compulsory elective	Laboratory Rotation Oncology A	1	12
2.4	Compulsory elective	Laboratory Rotation Infection Biology A	1	12
3		Laboratory Rotation B	1	Σ 12
3.1	Compulsory elective	Laboratory Rotation Immunology B	1	12
3.2	Compulsory elective	Laboratory Rotation Neurosciences B	1	12
3.3	Compulsory elective	Laboratory Rotation Oncology B	1	12
3.4	Compulsory elective	Laboratory Rotation Infection Biology B	1	12
4	Compulsory	Seminar Meet the Expert	1+2	3
5	Compulsory	Master Thesis	2	27

²Students select two main subjects from the subjects Immunology, Neurosciences, Oncology and Infection Biology, and attend two lectures in these two main subjects in Section 1 (modules 1.1-1.4) with an overall scope of 6 ECTS.

³In Section 2 (modules 2.1-2.4) and in Section 3 (modules 3.1-3.4), one practical course ("Laboratory Rotation") must be selected that corresponds to the chosen main subjects and the two lectures from Section 1. ⁴The two practical courses may either both be completed in one of the main subjects or one in each of the two main subjects.

II. Teaching of course content

§ 4 Types of classes within modules

¹The following types of classes may be offered in particular:

1. Lectures
2. Seminars and colloquia
3. Exercises and practical courses / practical laboratory training
4. Excursions
5. Tutorials.

²For classes that consist entirely or primarily of elements of the class types as per Sentence 1 Items 2 to 5, there may be restricted access as per § 30 Para. 5 Sentence 1 LHG in terms of numbers allowed to attend if proper instruction cannot be guaranteed or the restriction is necessary for other reasons relating to research, teaching or medical care. ³These classes are intended in particular to convey subject-specific working techniques and cross-

specialized profession-oriented qualifications. ⁴In addition, students should be given the opportunity to develop the ability to reproduce acquired knowledge orally and in writing in small groups. ⁵As per § 30 Para. 5 Sentence 1 LHG, the right to attend classes can also be restricted or access to a study section may be made dependent on specific study achievements, if proper instruction cannot otherwise be guaranteed or the restriction is necessary for other reasons relating to research, teaching or medical care.

§ 5 Study and examination languages

¹The study and examination language in the Master degree programme Molecular Medicine is English. ²Classes and examinations take place in English; it is assumed that students have sufficient English language skills.

§ 6 Types of examination

The exact nature of required examination achievements for the individual modules is described in § 3 / the Module Handbook.

III. Organisation of teaching and the degree programme

§ 7 Scope of studies

The necessary scope of studies is described in the General Section of the Study and Examination Regulations; the degree programme structure and the modules in particular are described in § 3 of the Special Section of the Study and Examination Regulations / the Module Handbook.

IV. Master examination and overall Master grade

§ 8 Nature and method of the Master examination

In addition to the prerequisites listed in the General Section of these Regulations, the subject-specific admission requirement for the Master Thesis and any oral examination to be taken at the end of the degree programme as per § 15 of the General Section, is as follows

- successful achievement of a total of at least 18 ECTS points from classes in modules 1-4 (cf. Overview § 3).

§ 9 Master Thesis

The Master Thesis is regulated in § 17 of the General Section of these Regulations.

§ 10 Calculation of the overall Master grade

The overall grade of the Master examination is calculated from the credit point weighted average of grades from the "Master Thesis" module (Master Thesis and any other achievements required for this module) and the other graded modules, taking into account the further provisions in § 21 of the General Section of these Regulations.

V. Final Provisions

§ 11 Entry into force and transition regulations

¹These Regulations shall come into effect on the date of publication in the Official Notifications of the University of Tübingen. ²They shall apply for the first time for the winter semester 2017/2018. ³Any transition regulations are specified in the General Section of these Study and Examination Regulations.

Tübingen, 15 May 2017

Professor Dr Bernd Engler
Vice-Chancellor