

**Degree program and examination regulations for the  
Bachelor's and Master's degree programs in Molecular  
Medicine at  
Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)  
– PO MolMed –  
dated August 22, 2023**

Based on Section 9 (1) in conjunction with the currently valid versions of Section 80 (1), section 84 (2)(1), Section 86 (3)(4), Section 88 (9), Section 90 (1)(2) and Section 96 (3)(1) Bavarian Higher Education Innovation Act dated August 5, 2022 (**BayHIG**), Friedrich-Alexander-Universität Erlangen-Nürnberg enacts the following degree program and examination regulations:

**Contents:**

<b>Part I: General Provisions</b> .....	<b>2</b>
Section 1 Scope, Purpose of the Bachelor's and Master's Examination .....	2
Section 2 Degrees .....	2
Section 3 Bachelor's Degree Program, Standard Duration of Studies, Start of Degree Program, Teaching and Examination Language .....	2
Section 4 Master's Degree Program, Standard Duration of Studies, Start of Degree Program, Teaching and Examination Language .....	3
Section 5 ECTS Credits.....	3
Section 6 Modules and Credits, Voluntary Intermediate Examinations, Safety Briefing .....	3
Section 7 Examination Deadlines, Failure to Observe Deadlines.....	5
Section 8 Examinations Committee .....	5
Section 9 Degree Program Committee .....	6
Section 10 Examiners, Exclusion Due to Personal Involvement, Obligation to Confidentiality.....	7
Section 11 Announcement of Examination Dates and Examiners, Registration, Withdrawal 7	
Section 12 Recognition and Accreditation of Skills .....	8
Section 13 Consequences of Delayed Withdrawal, Breach of Regulations, Fraud.....	9
Section 14 Faults in the Examination Process .....	10
Section 15 Revocation of Degrees .....	10
Section 16 Compulsory Attendance.....	10
Section 17 Written Examination, Multiple Choice Examinations.....	11
Section 18 On-Campus Electronic Examinations.....	12
Section 19 Oral Examinations.....	12
Section 20 Evaluation of Examinations, Grades, Final Grade.....	12
Section 21 Invalidity of Examinations.....	14
Section 22 Inspection of Examination Records.....	14
Section 23 Final Academic Record, Transcript of Records, Diploma Supplement, Grade Distribution Table, Degree Certificate .....	14
Section 24 Examinations Failed at the Final Attempt .....	15
Section 25 Adjustments to Examination Arrangements.....	15
<b>Part II: Special Provisions Part I Bachelor's Degree Program</b> .....	<b>16</b>
Section 26 Bachelor's Examination.....	16
Section 27 Admission Requirements for Examinations .....	16
Section 28 Bachelor's Thesis.....	16
Section 29 Resitting Examinations, Additional Modules.....	18
<b>Part II. Master's Degree Program</b> .....	<b>19</b>
Section 30 Master's Examination.....	19

Section 31 Qualification for a Master's Degree Program.....	19
Section 32 Scope and Structure of the Master's Degree Program .....	20
Section 33 Master's Thesis.....	20
Section 34 Elective Modules.....	21
Section 35 Resit Examinations .....	22
<b>Part III: Final and Transitory Provisions .....</b>	<b>22</b>
Section 36 Legal Validity .....	22
<b>Appendix 1: Structure of the Bachelor's Degree Program in Molecular Medicine.....</b>	<b>23</b>
<b>Appendix 2: Qualification assessment process.....</b>	<b>27</b>
<b>Appendix 3: Admissions Examination .....</b>	<b>30</b>
<b>Appendix 4: Study Plan for the Master's Degree Program in Molecular Medicine.....</b>	<b>32</b>

## **Part I: General Provisions**

### **Section 1 Scope, Purpose of the Bachelor's and Master's Examination**

(1) These degree program and examination regulations govern the examinations for the Bachelor's and Master's degree programs in Molecular Medicine at the Faculty of Medicine at FAU resulting in the degrees Bachelor of Science and Master of Science.

(2) <sup>1</sup>The Bachelor's examination is a first undergraduate degree in molecular medicine. <sup>2</sup>By passing the Bachelor's examination, students demonstrate that they have acquired fundamental knowledge of molecular medicine in the Bachelor's degree program, are able to work independently according to academic methods and are familiar with the fundamental aspects of laboratory safety.

(3) <sup>1</sup>The Master's degree is a second university degree in molecular medicine that qualifies graduates for further research as well as professional work. <sup>2</sup>By passing the Master's examination, students demonstrate that they have acquired fundamental knowledge in all areas of molecular medicine and are able to explore and develop new research areas and applications as independent researchers.

### **Section 2 Degrees**

(1) Passing the examinations results in the following degrees, depending on the type of degree program:

1. The degree of Bachelor of Science (abbreviation: BSc) for passing the Bachelor's examination
2. The degree of Master of Science (abbreviation: MSc) for passing the Master's examination

(2) The academic degrees may also be used with the addition "(FAU Erlangen-Nürnberg)".

### **Section 3 Bachelor's Degree Program, Standard Duration of Studies, Start of Degree Program, Teaching and Examination Language**

(1) <sup>1</sup>The Bachelor's degree program consists of an initial phase called the Grundlagen- und Orientierungsphase, followed by the Bachelor's phase. <sup>2</sup>Students must take a preliminary examination (Grundlagen- und Orientierungsprüfung, GOP) covering the foundations of the Bachelor's degree program by the end of the second semester. <sup>3</sup>The remainder of the Bachelor's degree program consists of the examinations taken up to the end of the standard duration of studies. <sup>4</sup>To complete the Bachelor's program successfully, students shall achieve 180 ECTS credits pursuant to **Appendix 1**, which include all required module examinations and the Bachelor's thesis module.

(2) The standard duration of a Bachelor's degree program is six semesters.

(3) The Bachelor's degree program may only be started in the winter semester.

(4) <sup>1</sup>The teaching and examination language in the Bachelor's degree program is German. <sup>2</sup>Individual teaching units and examinations may be taught and assessed in English. <sup>3</sup>Further details are stipulated in **Appendix 1** and/or the module handbook. <sup>4</sup>In any case of uncertainty, the examination language shall be the same as the teaching language.

#### **Section 4 Master's Degree Program, Standard Duration of Studies, Start of Degree Program, Teaching and Examination Language**

(1) <sup>1</sup>The Master's degree program builds on the contents of the Bachelor's program; it is more research-oriented. <sup>2</sup>To complete the Master's program successfully, students shall achieve 120 ECTS credits pursuant to **Appendix 3**, which include all required module examinations and the Master's thesis module.

(2) The standard duration of the Master's degree program is four semesters.

(3) The Master's degree program may only be started in the winter semester.

(4) <sup>1</sup>The teaching and examination language of the Master's degree program is English. <sup>2</sup>Individual teaching units and examinations may be taught and assessed in German. <sup>3</sup>Further details are stipulated in **Appendix 3** and/or the module handbook. <sup>4</sup>In any case of uncertainty, the examination language shall be the same as the teaching language.

#### **Section 5 ECTS Credits**

(1) <sup>1</sup>The degree programs and examinations are based on the European Credit Transfer and Accumulation System (ECTS). <sup>2</sup>Students must study 30 ECTS credits in each semester. <sup>3</sup>A single ECTS credit corresponds to a workload of 30 hours.

(2) <sup>1</sup>ECTS credits serve as a system to categorize, calculate and confirm the amount of work a student has invested. <sup>2</sup>They are a quantitative indicator of a student's workload.

#### **Section 6 Modules and Credits, Voluntary Intermediate Examinations, Safety Briefing**

(1) <sup>1</sup>The degree program consists of modules for which students are awarded ECTS credits. <sup>2</sup>One module is a chronologically connected and self-contained teaching and learning unit, the content of which can be tested in an examination.

(2) <sup>1</sup>The modules shall be completed with a module examination. <sup>2</sup>The module examination shall as a rule consist of an examination achievement or a course achievement. <sup>3</sup>In exceptional cases, the module examination can also consist of several parts or partial examinations or a combination of examination and/or course achievements if the subject warrants it. <sup>4</sup>Ungraded course achievements consisting of several parts and/or course achievements which can be repeated an unlimited number of times shall not count as examinations consisting of several parts as defined in sentence 3. <sup>5</sup>ECTS credits are only awarded for the successful completion of modules determined on the

basis of a module examination testing the student's own achievements. <sup>6</sup>As a rule, examinations during the course of the degree program are held during the lecture period or after the last lectures and seminars of a module have been held before the start of the lecture period of the following semester.

(3) <sup>1</sup>Examinations (examination achievements and course achievements) measure the students' performance. <sup>2</sup>They may be written, oral, electronic, use electronic communication devices or be in a different form. <sup>3</sup>In the event of invigilated remote electronic examinations, the Bavarian regulation for testing remote examinations (**BayFEV**) and the FAU regulations on remote examinations on the basis of the Bavarian regulations for testing remote examinations (**BayFEV**) – **EFernPO** – shall be complied with. <sup>4</sup>Examination achievements and partial examinations are graded. <sup>5</sup>The assessment of course achievements may be limited to either pass or fail.

(4) <sup>1</sup>Tutorial achievements (TA) generally involve independently solving exercises each week (e.g. exercises in programming or calculations, or e-learning units, which are assessed on the basis of an exercise log, compilation or electronic record). <sup>2</sup>Practical achievements (PA) generally involve completing practical tasks, documenting them in a series of reports and completing oral or written tests on the practical task at hand. <sup>3</sup>Laboratory achievements (LA) involve using various practical methods to solve a scientific question, followed by the evaluation, discussion and presentation of results. <sup>4</sup>Students may also be required to complete seminar achievements (SA) (generally a presentation and handout). <sup>5</sup>The specific form and scope of the examinations stated in sentences 1 to 3 depend on the specific manner in which the respective module or teaching unit is taught. Details are stipulated in (5), the applicable **appendix** and/or the module handbook.

(5) <sup>1</sup>The scope of a seminar achievement pursuant to (4)(3) depends on the specific topic which has been allocated and shall be agreed with the module coordinator. <sup>2</sup>Unless stipulated otherwise in the relevant **appendix**, the presentation shall generally last approximately 30 minutes and the handout shall be approximately 10 pages long.

(6) <sup>1</sup>In addition to the module examinations, voluntary intermediate examinations (e.g. paper and computer exercises, presentations) may be offered during courses as a way of measuring the standard of performance. <sup>2</sup>More detailed information, including the number, type and scope of these examinations, is given in the module handbook. <sup>3</sup>If a student chooses to use the option detailed in sentence 1, these results shall be taken into account when determining the grade for the module. <sup>4</sup>Intermediate examination achievements may improve the grade for a module examination or partial examination by a maximum of 0.7; a grade may not be made worse.

(7) <sup>1</sup>Tests to verify that students have mastered the safety skills required for practical exercises or experiments in the laboratory do not count as examinations as defined in the paragraphs above, as they do not serve to determine whether or not students have mastered the skills which must be acquired in a module. <sup>2</sup>Checking these basic safety-related skills is not comparable to an examination as defined above and simply constitutes a basic entry requirement which must be met before students can take part in practical exercises or experiments in the laboratory in order to ensure the safety of everyone participating in the teaching unit and to protect the facilities. <sup>3</sup>Modules for which an entry requirement such as this must be met shall be labeled accordingly in the module description.

(8) Enrollment in the Bachelor's or Master's degree program in Molecular Medicine at FAU is a requirement for participation in module examinations according to (2)(1).

### **Section 7 Examination Deadlines, Failure to Observe Deadlines**

(1) <sup>1</sup>Examinations shall be sat in such a timely manner as to allow 30 ECTS credits to be obtained in the GOP, 180 ECTS credits to be obtained in the Bachelor's examination and 120 ECTS credits to be obtained in the Master's examination by the end of the scheduled deadlines. <sup>2</sup>Deadlines shall be the second semester of the Bachelor's degree program for the GOP or the last semester of the respective standard duration of study for the Bachelor's or Master's examination. <sup>3</sup>The deadline according to sentence 2 may be exceeded (extended deadline).

1. GOP – by one semester
2. Bachelor's examination – by two semesters
3. Master's examination – by one semester

<sup>4</sup>An examination shall be considered to have been sat and failed at the final attempt if the required number of ECTS credits was not obtained within the extended deadline according to sentence 3, unless the reasons for this are beyond the student's control.

(2) The deadline set forth in paragraph 1 shall be extended by claiming the periods of protection according to the current version of the law protecting mothers at work, in education and whilst studying (Maternity Protection Act, Mutterschutzgesetz – **MuSchG**) in the version published on May 23, 2017 (BGBl I S. 1288 [German Federal Law Gazette I p. 1228]), according to the periods set forth in the current version of the Parental Allowance and Parental Leave Act (Bundeselterngeld- und Elternzeitgesetz – **BEEG**) of December 5, 2006 (BGBl I S. 2748 [German Federal Law Gazette I p. 2748]), and according to periods of time spent providing care in the sense of Section 7 (3) of the current version of the Caregiver Leave Act (Pflegezeitgesetz – **PflegeZG**) of May 28, 2008 (BGBl I S. 874, 896 [German Federal Law Gazette I p. 874, 896]) for a close family member who requires care in the sense of the current version of SGB XI (**German Social Security Code XI**) of May 26, 1994 (BGBl I S. 1014, 1015 [German Federal Law Gazette I p. 1014, 1015]).

(3) <sup>1</sup>The reasons according to paragraph 1 (4) and paragraph 2 shall be explained in writing and shown credibly to the Examinations Office without delay. <sup>2</sup>If the reasons are acknowledged, the examination shall be sat at the soonest possible time; previous examination and course achievements shall be accredited. <sup>3</sup>Section 11 (3) sentences 2 to 4 shall apply.

### **Section 8 Examinations Committee**

(1) <sup>1</sup>An Examinations Committee consisting of five members shall organize the examinations. <sup>2</sup>The chairperson, their representative and the three further members of the Examinations Committee, as well as a substitute member for each committee member, shall be elected by the Faculty of Medicine's Faculty Council and shall be professors involved in courses in the Bachelor's and Master's degree programs in Molecular Medicine from the Faculty of Medicine or the Faculty of Sciences (Mathematics, Physics and Biology, Chemistry and Pharmacy). <sup>3</sup>The term of office of the members shall be three years; re-appointment is possible.

(2) The chairperson may transfer tasks within their responsibility to a member of the Examinations Committee.

(3) <sup>1</sup>The Examinations Committee shall be tasked with carrying out examination procedures, especially the planning and organization of examinations. <sup>2</sup>Its duties include ensuring that the provisions of these examination regulations are observed. <sup>3</sup>All decisions shall be taken by the Examinations Committee, with the exception of the examinations themselves and their assessment. <sup>4</sup>The Examinations Committee can transfer responsibility for regularly recurring or highly degree program-specific tasks (see Section 9 (1)(4)) to the pertinent Degree Program Committee as specified in Section 9. <sup>5</sup>The Examinations Committee shall check delegated decisions if requested to do so and shall verify that examinations have been legitimately assessed. <sup>6</sup>It shall regularly report to the Faculty Council on the development of examinations and study periods. <sup>7</sup>The members of the Examinations Committee shall have the right to be present during examinations. <sup>8</sup>The Examinations Committee shall have recourse to the Examinations Office when carrying out its tasks. <sup>9</sup>The affairs of the committee shall be governed by the Constitution of Friedrich-Alexander-Universität Erlangen-Nürnberg (**GrO**).

(4) The evaluation of the qualification and admission requirements for the Master's degree program pursuant to Section 31 shall be the responsibility of the Examinations Committee.

(5) <sup>1</sup>The Examinations Committee shall have a quorum when all members are summoned in writing observing a notice period of at least one week and the majority of members are present and eligible to vote. <sup>2</sup>It passes resolutions in meetings by a majority of the votes cast. <sup>3</sup>Abstention, secret ballots and delegation of votes shall not be permitted. <sup>4</sup>In the event of a tie, the chairperson's vote is the deciding vote.

(6) <sup>1</sup>The chairperson shall call the meetings of the Examinations Committee. <sup>2</sup>The chairperson shall be entitled to take decisions that cannot be delayed on behalf of the Examinations Committee. <sup>3</sup>The Examination Committee shall be informed of such cases without delay. <sup>4</sup>Furthermore, unless these examination regulations state otherwise, the Examinations Committee shall have the right to transfer individual tasks to the chairperson as well as revoke these responsibilities.

(7) <sup>1</sup>Official notifications in legal matters pertaining to examinations shall be made in writing; reasons shall be given and information on legal remedies available to the person shall be included. <sup>2</sup>Students shall be given the opportunity to make a statement before negative decisions are finalized. <sup>3</sup>The Examinations Committee shall have the right to rule that official notifications in legal matters pertaining to examinations may be sent out in electronic form to the individual students. <sup>4</sup>Any notification of objection in questions of examination legislation shall be issued on behalf of the President following consultation with the Examinations Committee and after hearing the examiners.

### **Section 9 Degree Program Committee**

(1) <sup>1</sup>The degree programs pursuant to these degree program and examination regulations shall be assigned to a Degree Program Committee for quality assurance purposes. <sup>2</sup>The Degree Program Committee shall comprise ten members who are university lecturers as their main profession pursuant to Section 19 **BayHIG** and two student members. <sup>3</sup>The Degree Program Committee shall meet at regular intervals to consult on organizational and content-related issues regarding the degree program and on any changes to the examination regulations. <sup>4</sup>The committee shall be responsible for the tasks transferred to it by the Examinations Committee pursuant to Section 8 (3)(4), for

example setting compulsory elective modules or taking decisions on exceptions to the rules governing supervision of final theses. <sup>5</sup>Student members shall not be eligible to take part if the Degree Program Committee is deciding on matters relating to examination law (for example exceptions to the rules for supervising final theses pursuant to sentence 4 or other requests submitted by students).

(2) <sup>1</sup>The Degree Program Committee shall have a quorum when all members are summoned observing a notice period of at least one week and the majority of members is present and eligible to vote. <sup>2</sup>It passes resolutions in meetings by a majority of the votes cast. <sup>3</sup>In the event of a tie, the chairperson's vote is the deciding vote. <sup>4</sup>The chairperson shall call the meetings of the Degree Program Committee. <sup>5</sup>The chairperson shall be entitled to take decisions that cannot be delayed on behalf of the Degree Program Committee. <sup>6</sup>Furthermore, unless these examination regulations state otherwise, the Degree Program Committee shall have the right to transfer individual tasks to the chairperson as well as revoke these responsibilities. <sup>7</sup>The members of the Degree Program Committee shall be appointed by the Faculty Council. <sup>8</sup>Section 8 (6) and (7) shall apply accordingly.

### **Section 10 Examiners, Exclusion Due to Personal Involvement, Obligation to Confidentiality**

(1) <sup>1</sup>The Examinations Committee shall appoint the examiners. <sup>2</sup>All persons eligible to administer examinations according to the current version of the **BayHIG** and the Bavarian Higher Education Examiners Act (**BayHSchPrüferV**) shall be eligible for appointment. <sup>3</sup>If an eligible examiner leaves the University, they shall usually remain eligible to act as an examiner for up to one year. <sup>4</sup>Eligible examiners who only have a temporary contract shall only remain eligible to act as an examiner for the contractually agreed duration of employment. <sup>5</sup>The Examinations Committee shall have the right to extend this period upon request. The Examinations Committee shall keep a list of everyone eligible to administer examinations in this degree program

(2) A change of examiners shortly before the start of an examination shall be permissible on urgent grounds.

(3) <sup>1</sup>Persons who have completed the degree program in question or a degree program related to it at the same qualification level shall be eligible for appointment as observers. <sup>2</sup>Observers should be research associates employed at FAU as their main place of employment pursuant to Section 53 (4) **BayHIG**.

(4) Exclusion from the deliberation and voting process of the Examinations Committee as well as from the positions of examiner and observer due to personal involvement shall be governed by Section 51 (2) **BayHIG** in conjunction with Sections 20 and 21 **BayVwVfG**.

(5) The obligation to confidentiality of the Examinations Committee and other persons involved in matters pertaining to examinations shall be governed by Section 26 (2) sentences 2 and 3 **BayHIG**.

### **Section 11 Announcement of Examination Dates and Examiners, Registration, Withdrawal**

(1) The dates of the examinations and the examiners shall be announced by the Examinations Office in good time and according to local practice.

(2) <sup>1</sup>Students shall register for the individual module examinations after the start of the lecture period. <sup>2</sup>The registration dates and formalities shall be announced in good time before registration and according to local practice. <sup>3</sup>In order to sit the examination, students must register correctly on the provided platform.

(3) <sup>1</sup>Notwithstanding the deadlines set forth in Sections 7 and 29, withdrawal from first attempts at written and oral examinations shall be permitted without stating reasons up until the end of the third working day before the examination date; withdrawals are to be submitted to the examiner; the days between and including Monday and Friday shall be considered as working days. <sup>2</sup>In cases where the student is unable to sit an examination due to illness, a certificate from an official medical examiner (vertrauensärztliches Attest) may be required by the Examinations Committee responsible. <sup>3</sup>The doctor's certificate or certificate from an official medical examiner must include a description of the student's ailment and state how this affects the student's ability to perform to their full potential during the examination, especially due to a reduction in their physical or mental capacity. <sup>4</sup>In case of withdrawal from an examination due to illness after the examination has started (termination of an examination), the student must submit a certificate from an official medical examiner to the Examinations Office without delay. <sup>5</sup>Once a student has declared that they wish to withdraw they may not revoke this declaration; registration to the examination on this date shall be canceled once the declaration is submitted and the student shall no longer be entitled to take the examination. <sup>6</sup>Students shall only be able to register for and sit the examination in a later semester. <sup>7</sup>The consequences of a delayed or invalid withdrawal shall be governed by Section 13 (1) and (2).

## **Section 12 Recognition and Accreditation of Skills**

(1) <sup>1</sup>Study periods, and course and examination achievements achieved in degree programs or by successfully taking part in a distance learning unit as part of a degree program at FAU or at other public or state-approved universities in the Federal Republic of Germany, or in degree programs at public or state approved universities in countries other than Germany shall be recognized according to these examination regulations unless there are significant differences in the skills acquired and required. <sup>2</sup>The same shall apply to course and examination achievements obtained at a public or state approved university in Bavaria within the context of a module program or additional studies, at the Virtual University of Bavaria (vhb), or within the context of an early entrance program or university studies started while still at school. <sup>3</sup>Recognition enables students to continue their studies, to take examinations, to start a further degree program or to be admitted to a doctoral degree.

(2) <sup>1</sup>Skills acquired outside the university sector or within the context of degree programs for professional development or for acquiring further qualifications may be accredited if they are equivalent. <sup>2</sup>Skills acquired outside the university sector may replace a maximum of half of the skills required.

(3) <sup>1</sup>The grades achieved in accredited course and examination achievements shall be transferred if they were awarded according to Section 20. <sup>2</sup>If the grading system applied in the examinations sat at the university or equivalent institution of higher education and accredited by FAU is not identical to the grading system set forth in Section 20, the grades achieved at other universities shall usually be converted according to the following formula:

$x = 1 + 3 (N_{\max} - N_d) / (N_{\max} - N_{\min})$  where  
x = converted grade

Nmax = best grade attainable  
Nmin = lowest grade for passing  
Nd = grade attained

<sup>3</sup>One decimal place shall count towards the module grade for grades thus calculated.

<sup>4</sup>If conversion is not possible, the Examinations Committee shall usually determine a system by which to calculate the grades.

(4) <sup>1</sup>If 30 or more ECTS credits are recognized or accredited, the student shall be permitted to enter at a higher semester. <sup>2</sup>Students shall move up one semester for every 30 ECTS credits that are accredited.

(5) <sup>1</sup>Students must file an application for recognition and accreditation. <sup>2</sup>The documents needed for this accreditation shall be submitted to the chairperson of the Examinations Committee. <sup>3</sup>Subject to the provisions in sentence 4, the student shall have a legal claim to accreditation or recognition if the conditions stipulated in paragraphs 1 and 2 are met. <sup>4</sup>Accreditation is only possible if the student has not already lost the right to be examined in that subject at FAU by passing or failing to pass the relevant examination at the final attempt. <sup>5</sup>If a student requests accreditation, the decision shall rest with the chairperson of the Examinations Committee after consultation with the subject representative appointed by the department. <sup>6</sup>The decision shall be issued in writing.

### **Section 13 Consequences of Delayed Withdrawal, Breach of Regulations, Fraud**

(1) <sup>1</sup>An examination shall be graded as “nicht ausreichend” (unsatisfactory; 5.0) if the student withdraws from the examination after the withdrawal period (cf. Section 11 (3)) without good reasons; Section 7 (3) shall not be affected. <sup>2</sup>The reasons for withdrawal or tardiness shall be explained in writing and shown credibly to the Examinations Committee or the examiner responsible for the examination in question without delay; Section 11 (3) sentences 2 to 4 shall apply accordingly. <sup>3</sup>If the Examinations Committee accepts the reasons, the examination must be sat on the next possible date.

(2) <sup>1</sup>In case of plagiarism or an attempt to commit fraud or to influence the result of an examination through the use of unauthorized aids, the examination in question shall be graded “nicht ausreichend” (unsatisfactory, 5.0). <sup>2</sup>Unauthorized aids for completing examination or course achievements pursuant to sentence 1 include in particular the use of chatbots or other artificial intelligence that is capable of replacing the student’s own performance, unless this is expressly permitted by the examiner.

(3) Persons who disturb the orderly examination process may be excluded from continuing the examination by the authorized examiner or invigilator; in this case the examination achievement in question shall be graded ‘nicht ausreichend’ (unsatisfactory, 5.0).

(4) In the case of repeated or severe breaches as stipulated in (1) or (2), the Examinations Committee may exclude students from participating in the examination, resulting in the student losing the right of examination in the relevant module (failed at the final attempt).

### **Section 14 Faults in the Examination Process**

(1) Should it turn out that the examination process was faulty in a manner that influenced the result of the examination, it shall be ordered upon a student's request that a certain student or all students shall resit the examination or parts of the same.

(2) Faults in the examination process shall be reported to the chairperson of the Examinations Committee or the examiner without delay.

(3) Six months after completion of the examination, resit examinations may no longer be ordered as stipulated in paragraph (1).

### **Section 15 Revocation of Degrees**

The revocation of Bachelor's and Master's degrees shall be governed by Section 101 BayHIG.

### **Section 16 Compulsory Attendance**

(1) <sup>1</sup>For teaching units, which are marked accordingly in the respective module description, in which the qualification goal can only be achieved by regular attendance, compulsory attendance can be made a requirement for admission to the module examination or for obtaining the course achievement. <sup>2</sup>If attendance of the individual student is required for all participants to obtain the subject-specific skills, if the individual student obtaining such skills depends on the attendance of the other participants, or if subject-specific skills can only be obtained by being present at a particular place, or if participation is required for safety reasons, it is permissible to introduce an obligation to attend.

(2) <sup>1</sup>Regular attendance is defined as missing no more than 15% of instruction time in any given teaching unit. <sup>2</sup>If between 15% and 30% of the lectures have been missed, the lecturer can offer the student the option to obtain a skills-oriented substitute achievement fulfilling the requirement of regular attendance; if no such substitute achievements are offered or the substitute achievements offered are not obtained by the student, attendance is not considered to have been regular. <sup>3</sup>If more than 30% of instruction time is missed in total, the student must take the teaching unit again. <sup>4</sup>Any positions after the decimal point in the percentage of instruction time missed shall be rounded for the benefit of the student.

(3) <sup>1</sup>Paragraph 2 notwithstanding, in the context of field trips, laboratory courses and block seminars, attendance is only considered to have been regular if all teaching units have been attended. <sup>2</sup>Appropriate substitute achievements fulfilling the requirement of regular attendance shall be offered in the case of credibly shown periods of absence due to reasons beyond the student's control of up to and including 15% of instruction time. <sup>3</sup>If more than 15% of instruction time is missed, the student must take the teaching unit again. <sup>4</sup>Any positions after the decimal point in the percentage of instruction time missed shall be rounded for the benefit of the student.

(4) <sup>1</sup>Attendance is checked in the individual teaching units, provided these are held face to face, by means of an attendance list in which students must enter their name and signature, or in a comparable manner. <sup>2</sup>If teaching units are held online, teaching staff shall record attendance by taking a register of the names of all those attending. <sup>3</sup>Teaching staff shall compare the names on the registration list to see whether they

correspond with the names used by the students attending the teaching unit. <sup>4</sup>If students use a pseudonym during an online teaching unit with compulsory attendance, they must inform the member of teaching staff of their real name in order to allow a comparison to be made.

### **Section 17 Written Examination, Multiple Choice Examinations**

(1) <sup>1</sup>In written examinations, students are required to prove that they are capable of identifying a problem within a limited period and with limited materials, using the conventional methods employed in their field, and to find a solution to this problem. <sup>2</sup>This applies in particular to invigilated written examinations (*Klausur*). <sup>3</sup>With the exception of a traditional written examination (*Klausur*), written examinations may also be held as open book examinations during which students have to complete one or several tasks in a certain time without supervision using either a wide range of aids or whichever aids they like, but without the assistance of third parties; further details are stipulated in the module description. <sup>4</sup>In the case of examinations as defined in sentence 3, tasks shall as far as possible be tailored to test higher-level skills such as understanding, analysis, transfer and application.

(2) <sup>1</sup>Written examinations shall be graded by the author of the examination questions, unless stipulated otherwise. <sup>2</sup>If a written examination is graded as "nicht bestanden" (fail) it shall be presented to a second examiner for evaluation. <sup>3</sup>The examiner's evaluation must be documented in writing and reasons for the final rating must be made clear.

(3) <sup>1</sup>The duration of individual written examinations depends on the specific module. <sup>2</sup>Details are given in **Appendices 1 and 3**.

(4) <sup>1</sup>Written examinations may take the form of multiple-choice examinations (with one or more possible correct answers), either in full or in part. <sup>2</sup>Detailed information on the modules with multiple choice examinations is given in the module handbook. <sup>3</sup>The candidate must indicate which of the answers to the questions they consider to be correct. <sup>4</sup>Examination questions must allow for reliable examination results. <sup>5</sup>When setting the examination questions, the answers that shall be recognized as applicable must be defined. <sup>6</sup>Multiple answers shall not be permitted and shall not be evaluated in cases where the examination task does not allow multiple answers. <sup>7</sup>Before the evaluation of the examination results, at least two of the authors of the examination shall assess whether the examination questions allow for reliable examination results. <sup>8</sup>If the results of this assessment show that individual examination questions contain errors, these questions must not be considered when determining the examination result; a reduced number of examination questions must be assumed. <sup>9</sup>A reduction in the number of examination questions must not have any negative consequences for examinees. <sup>10</sup>No minus points may be awarded beyond the respective question.

(5) <sup>1</sup>The authors of the examination pursuant to paragraph (4)(7) shall determine when the examinations have been passed pursuant to paragraph (4)(1) and shall set a relative pass limit (sentence 2 (2)). <sup>2</sup>Unless stipulated otherwise in the relevant degree program and examination regulations, examinations pursuant to paragraph (4)(1) shall be deemed to have been passed if

1. The examinee answered at least 60 percent of the examination questions correctly/achieved at least 60 percent of the attainable points, or

2. The examinee answered at least 50 percent of the examination questions correctly/achieved at least 50 percent of the attainable points and the number of correct answers/points obtained is no more than 15 percent below the average number of correct answers/points obtained by all examinees sitting the examination for the first time.

<sup>3</sup>The reference group of examinees sitting the examination for the first time pursuant to sentence 2 (2) must consist of at least 50 people, otherwise the relative pass limit shall not be applicable. <sup>4</sup>If sentence 2 (2) is applied, the Dean of Studies shall be notified.

(6) In case of written examinations that are not entirely composed of multiple choice questions, paragraphs (3) and (4) shall only apply to the respective part.

### Section 18 On-Campus Electronic Examinations

<sup>1</sup>Examinations may be administered in electronic form on campus. <sup>2</sup>Electronic examinations (e-examinations) on campus are examinations which are administered and evaluated via computer or using digital technology. <sup>3</sup>The authenticity and integrity of the examination results must be ensured. <sup>4</sup>Automatically calculated evaluations of examination achievements shall be verified by one examiner at the request of the examinee or two examiners in case of a failed examination. <sup>5</sup>Detailed information on which examinations are held in electronic form on campus is given in the module handbook.

### Section 19 Oral Examinations

(1) <sup>1</sup>Oral examinations shall be conducted by an examiner in the presence of an observer with knowledge of the subject or by more than one examiner; details are stipulated in the module handbook. <sup>2</sup>Oral examinations taken by just one authorized examiner shall be conducted in the presence of an observer appointed by the examiner. <sup>3</sup>The observers shall be appointed by the examiner responsible in accordance with the criteria set by the Examinations Committee.

(2) In oral examinations in the presence of several authorized examiners, each examiner shall determine the grade according to Section 20; Section 33 (9) shall remain unaffected.

(3) <sup>1</sup>The duration of individual written examinations depends on the specific module. <sup>2</sup>Details are given in **Appendices 1 and 3**.

(4) <sup>1</sup>A record shall be kept of the oral examination; this shall include the following: Place, date and duration of the examination; name of the module to which the examination belongs and number of ECTS credits allocated to the module; subject and result of the examination; the names of the examiners, the observer and the student; and any special occurrences. <sup>2</sup>The record shall be signed by the authorized examiners and the observer. <sup>3</sup>It is not usually necessary to record the questions asked in the examination or the answers given. <sup>4</sup>The record shall be stored for at least two years.

### Section 20 Evaluation of Examinations, Grades, Final Grade

(1) <sup>1</sup>The evaluation of individual examinations shall be expressed by the examiners with the following grades:

Grade (in words)	Grade	Key
sehr gut (very good)	= 1.0 or 1.3	an outstanding achievement;
gut (good)	= 1.7 or 2.0 or 2.3	an achievement that exceeds the requirements considerably
befriedigend (satisfactory)	= 2.7 or 3.0 or 3.3	an achievement that fulfills average requirements;

ausreichend (sufficient)	= 3.7 or 4.0	an achievement that fulfills the requirements despite flaws;
nicht ausreichend (unsatisfactory)	= 4.3 or 4.7 or 5.0	an achievement that no longer fulfills requirements due to considerable flaws

(2) <sup>1</sup>An examination (Section 6 (2)) shall have been passed if it has received at least the grade “ausreichend” (sufficient). <sup>2</sup>Ungraded examinations (Section 6 (3)(4)) shall either count as “bestanden” (pass) or “nicht bestanden” (fail); this also applies in the case of a combination of several course achievements in cases as described in Section 6 (2)(3). <sup>3</sup>A module examination is passed when all partial achievements (Section 6 (2)(3)) have been passed. <sup>4</sup>If an examination is evaluated by several examiners or includes several partial achievements, the total grade shall be calculated from the weighted average of the individual grades; the grading system described in (1) shall not apply. <sup>5</sup>Sentence 4 can also be applied to examinations that are not an examination consisting of several parts as defined in Section 6 (2)(3) but still consist of several different components (for example a written examination with a combination of multiple choice questions and open-ended questions); details of how to grade such examinations shall be stipulated in the relevant **Appendix**. <sup>6</sup>Only one decimal place shall count towards the module grade; further decimal places shall be omitted without being rounded.

(3) <sup>1</sup>The authors of the examination shall set the assessment criteria for multiple choice examination achievements pursuant to Section 19 (5)(7). <sup>2</sup>If no assessment criteria are set, the examinations shall be graded as follows: <sup>3</sup>Students who answer the required minimum of examination questions according to Section 17 (5)(2) correctly shall receive the grade

1.0 (sehr gut/very good) if at least 75 percent of the remaining questions were answered correctly or remaining points were achieved,

2.0 (gut/good) if at least 50 percent but less than 75 percent of the remaining questions were answered correctly or remaining points were achieved,

3.0 (befriedigend/satisfactory) if at least 25 percent but less than 50 percent of the remaining questions were answered correctly or remaining points were achieved,

4.0 (ausreichend/sufficient) if none or less than 25 percent of the remaining questions were answered correctly. <sup>3</sup>Grades can be increased or decreased by 0.3 according to the percentage; grades 0.7, 4.3 and 4.7 are excluded. <sup>4</sup>Students who do not achieve the required minimum number of points shall receive the grade 5.0. <sup>5</sup>Sentence (3) notwithstanding, the grades 4.3 and 4.7 may be awarded in cases in which examinations according to Section 17 (6) partly take the form of a multiple choice examination.

(4) <sup>1</sup>The overall grade of the Bachelor’s examination, the Master’s examination and the modules shall be as follows:

at an average of up to 1.5 = sehr gut (very good)

at an average of over 1.5 and up to 2.5 = gut (good)

at an average of over 2.5 and up to 3.5 = befriedigend (satisfactory)

at an average of over 3.5 and up to 4.0 = ausreichend (sufficient)

<sup>2</sup>Students who pass the Bachelor’s or Master’s examination with a final grade between 1.0 and 1.2 shall receive the overall assessment “mit Auszeichnung bestanden” (passed with distinction).

(5) <sup>1</sup>Unless stipulated otherwise in **Appendices 1 and 3**, the module grades shall be calculated from the average of the individual examinations set forth in Section 6 (2)(3); the grading system described in (1) shall not apply. <sup>2</sup>Only one decimal place shall count

towards the module grade; further decimal places shall be omitted without being rounded. <sup>3</sup>If only one graded examination is held in a module, this shall constitute the grade for the module. <sup>4</sup>In non-graded course achievements, the module shall be considered a “pass” or a “fail”.

(6) <sup>1</sup>All module grades of the Bachelor’s degree program shall be included in the calculation of the final grade of the Bachelor’s and Master’s examination, with the individual grades weighted according to their ECTS credits. <sup>2</sup>Paragraph 2 (7) shall apply accordingly.

(7) **Appendices 1 and 3** stipulate whether modules are given half or double weighting in the calculation of the grade.

### **Section 21 Invalidity of Examinations**

(1) If fraudulent methods were used during the examination and if this only becomes known after the certificate has been awarded, the Examinations Committee may correct the grade retrospectively and declare the examination as having been failed in part or in full.

(2) If the requirements for admission to the examination were not fulfilled while no fraudulent acts were committed willfully, these circumstances shall be considered remedied by the passing of the examination.

(3) Students shall be given the opportunity to make a statement before a decision is taken.

(4) <sup>1</sup>The incorrect certificates shall be withdrawn; new certificates shall be issued if applicable. <sup>2</sup>A decision according to paragraph (1) shall be excluded after a period of five years starting with the certificate’s date of issue.

### **Section 22 Inspection of Examination Records**

(1) After the completion of the individual examination procedures, students shall on request be entitled to inspect their written examination papers, the corresponding reviews by the examiners, and the examination records.

(2) <sup>1</sup>Students shall submit the request to the examination body responsible within one month of being notified of the results. <sup>2</sup>Unless the Examinations Office is responsible, the examiner shall allow the inspection; further details shall be decided by the Degree Program Committee. <sup>3</sup>Students prevented from observing the deadline according to (1) through no fault of their own shall be granted full restitution according to Section 32 of the **Bavarian Administrative Procedures Act (BayVwVfG)**.

### **Section 23 Final Academic Record, Transcript of Records, Diploma Supplement, Grade Distribution Table, Degree Certificate**

(1) <sup>1</sup>Students who have successfully completed a degree program shall receive a final academic record, a transcript of records, a diploma supplement, a grade distribution table and a degree certificate, within four weeks if possible. <sup>2</sup>The certificates shall be signed by the chairperson of the Examinations Committee or their deputy.

(2) <sup>1</sup>The final academic record includes the modules and module grades and the overall grade of the Bachelor’s or Master’s examination. <sup>2</sup>The transcript of records lists all

modules attended; the final academic record and the transcript of records may be combined into one document. <sup>3</sup>The transcript of records and the diploma supplement shall be issued in both German and English. <sup>4</sup>Information not yet available to the Examinations Office must be submitted together with the required proof by the time of the degree program's completion at the latest; otherwise this information may no longer be taken into consideration for the documents listed in (1).

#### **Section 24 Examinations Failed at the Final Attempt**

<sup>1</sup>Students who fail the Bachelor's or Master's examination at the final attempt shall receive notification that the examination has been failed at the final attempt, including information on legal remedies available. <sup>2</sup>Students can also print off an overview of their grades achieved in the individual modules in the examination administration system.

#### **Section 25 Adjustments to Examination Arrangements**

(1) <sup>1</sup>The examination procedure shall be adjusted to take into account the nature and extent of a student's disability. <sup>2</sup>Students with a doctor's certificate showing credibly that they are either partially or fully incapable of sitting the examination in the intended manner due to long-term or permanent disabilities which do not affect the performance which is being tested shall be entitled to be granted permission by the chairperson of the Examinations Committee to have this disadvantage offset by working time being extended accordingly or the examination process being structured differently. However, care must be taken to ensure that the examination is still suitable to provide evidence of skills which are being assessed by the examination. <sup>3</sup>Sentences 1 and 2 shall apply accordingly to students in special circumstances, the effects of which on the student's ability to sit the examination are similar to a longer illness or disability as stated above in sentence 2.

(2) Adjustments to examination arrangements may be made for pregnant students if the student submits a medical certificate confirming that she will be at least 30 weeks pregnant by the examination date to the Examinations Committee responsible at least four weeks before the examination date.

(3) <sup>1</sup>Decisions pursuant to (1) and (2) shall only be taken by the chairperson of the Examinations Committee upon written request and after consulting with the Disability Liaison Officer. <sup>2</sup>Students may be required to submit an official certificate from a medical examiner (vertrauensärztliches Attest) proving the fulfillment of the conditions in paragraph 1 or other proof confirming their special circumstances. <sup>3</sup>Applications for adjustments to examination arrangements shall be made to the Examinations Committee at the latest four weeks before registration for the examination.

## **Part II: Special Provisions Part I Bachelor's Degree Program**

### **Section 26 Bachelor's Examination**

<sup>1</sup>The modules that must be completed as part of the degree program, modules assigned to the preliminary examination (Grundlagen- und Orientierungsprüfung, GOP) and details of the semester in which they should be taken, as well as details of the module examinations are stipulated in **Appendix 1** to these examination regulations. <sup>2</sup>The Grundlagen und Orientierungsprüfung (GOP) shall have been passed if the requirements stipulated in **Appendix 1** have been fulfilled. <sup>3</sup>At most 180 ECTS credits are required to successfully complete the degree program.

### **Section 27 Admission Requirements for Examinations**

(1) <sup>1</sup>Students enrolled in a Bachelor's degree program shall be deemed as admitted to the Bachelor's examination and the module examinations of which the Bachelor's examination consists, unless admission is to be refused. <sup>2</sup>Admission shall be refused if

1. Requirements are not met or certificates are not submitted at all or not in due time as stipulated under Special Provisions and in **Appendix 1**.
2. The GOP, the Bachelor's examination, the Diplom intermediary examination or the Diplom examination in the same subject or in a related subject (e.g. Molecular Life Sciences) has been failed at the final attempt.
3. It has been ordered that the student is to be de-registered, resulting in the revocation of the student's right to sit the examination.

(2) If admission is to be refused, the student shall be informed without delay and informed in writing as to the reasons for the decision and information on the legal remedies available.

### **Section 28 Bachelor's Thesis**

(1) <sup>1</sup>The Bachelor's thesis is intended to show that the student is capable of dealing with a problem independently according to academic methods within a set period and presenting the results in an appropriate form. <sup>2</sup>Ten ECTS credits are awarded for the thesis.

(2) <sup>1</sup>All full-time and part-time university lecturers pursuant to Section 19 **BayHIG** who play a key role in teaching the core curriculum of the degree programs shall be entitled to assign Bachelor's theses (supervisors). <sup>2</sup>The Examinations Committee shall have the right to grant exceptions. <sup>3</sup>The Examinations Committee shall keep a list of everyone eligible to supervise Bachelor's theses. <sup>4</sup>The Examinations Committee may permit students to write their thesis at an institution outside the University if supervision there is ensured.

(3) <sup>1</sup>Students shall ensure that they are allocated a subject for their Bachelor's thesis in time to observe the deadlines set forth in Section 7, usually at the start of the last semester in the regular duration of studies. <sup>2</sup>The Examinations Office shall be notified of the subject and the date of allocation. <sup>3</sup>Should a student, despite a genuine effort to that end, not be allocated a subject, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student.

(4) <sup>1</sup>The period between the allocation of the subject and the date of the thesis' submission (standard thesis work period) shall be two months; it may be extended by a maximum of one month upon request and the supervisor's approval. <sup>2</sup>The scope of the subject must be such that it can be dealt with within the standard thesis work period. <sup>3</sup>Extensions are only possible in justified exceptional cases. <sup>4</sup>If a student submits a doctor's certificate proving that they are incapable of working on their thesis, the period for thesis work shall be suspended temporarily. <sup>5</sup>If the period for working on the thesis is suspended for a considerable period of time as defined in sentence 4 (3 months minimum), the Examinations Committee shall check whether the period for working on the thesis ought to be terminated due to ill health, in which case the Bachelor's thesis shall be registered with a new topic once the student is well again. <sup>6</sup>Sentences 4 and 5 shall apply accordingly in cases in which the student is prevented from working on the Bachelor's thesis due to serious reasons beyond their control and outside their sphere of risk.

(5) <sup>1</sup>The topic of the Bachelor's thesis can only be returned once, and within the first three weeks of the working period; if students resit the thesis, returning the subject shall not be permitted. <sup>2</sup>If the subject is returned where it is not admissible, the Bachelor's thesis shall be graded "nicht ausreichend" (unsatisfactory; 5.0).

(6) <sup>1</sup>The thesis shall be written in German or, with the approval of the supervisor, in English. <sup>2</sup>If the supervisor agrees, the chairperson of the Examinations Committee may permit students to write the thesis in a different language upon request.

(7) <sup>1</sup>The thesis shall be submitted to the supervisor in duplicate as well as in a machine-readable electronic version. <sup>2</sup>The supervisor shall inform the Examinations Office immediately of the date the thesis is submitted. <sup>3</sup>The Bachelor's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used.

(8) <sup>1</sup>The Bachelor's thesis shall be evaluated by the supervisor who assigned the topic and another examiner appointed by the chairperson of the Examination Committee. <sup>2</sup>The chairperson of the Examinations Committee shall arrange for the thesis to be graded at the latest within one month. <sup>3</sup>The Bachelor's thesis shall be considered accepted if it receives at least the grade "ausreichend" (sufficient grade 4.0) from both examiners, otherwise it shall be considered rejected. <sup>4</sup>The grade awarded for an accepted Bachelor's thesis shall be the average of the two grades; only the first decimal place shall be shown in the final grade and further decimal places shall be omitted without being rounded; Section 20 (2)(4) shall apply accordingly.

(9) <sup>1</sup>If a Bachelor's thesis is rejected, it may be repeated only once; a second repetition or revision shall not be permitted. <sup>2</sup>The student shall ensure that they receive a new subject for the repetition of the Bachelor's thesis within two months following the announcement of the rejection; otherwise the Bachelor's thesis shall be regarded as having been failed at the final attempt; paragraph 3 (3) shall apply accordingly. <sup>3</sup>Paragraphs 1 to 8 shall apply accordingly with respect to the repetition.

### **Section 29 Resitting Examinations, Additional Modules**

(1) <sup>1</sup>With the exception of the GOP and the Bachelor's thesis, every failed module examination may be resat twice. <sup>2</sup>The resit examination shall be limited to the failed examination or course achievement. <sup>3</sup>Examinations that according to **Appendix 1** are part of the GOP may only be resat once; Section 28 (9) shall apply to repetition of the Bachelor's thesis. <sup>4</sup>Resit examinations shall take place at the earliest possible date, usually within six months of notification of the first examination result. <sup>5</sup>The student will be automatically registered for the next resit examination. <sup>6</sup>Students shall be obliged to check the status of their registration in the examination administration system regularly and inform the Examinations Office immediately of any discrepancies. <sup>7</sup>Resit periods shall remain unaffected by de-registration or a leave of absence. <sup>8</sup>If a student misses the resit examination or the resit period is not observed, the examination shall be deemed to have been failed unless the Examinations Committee grants the student a respite due to special reasons beyond the student's control. The standard deadlines according to Section 7 (1) shall not be interrupted. <sup>9</sup>The provisions regarding maternity protection, parental leave and caregiver leave (Section 7(2)) shall apply.

(2) <sup>1</sup>Voluntarily resitting a passed examination of the same module shall not be permitted. <sup>2</sup>Unless stipulated otherwise in **Appendix 1**, alternative modules may be taken in place of failed modules; failed attempts in the previous alternative module shall not be counted, but students are only able to change modules if they have not failed one of the modules at the final attempt.

(3) <sup>1</sup>Additional modules are modules that are attended and completed within the examination periods according to Section 7 in addition to successfully completed modules. <sup>2</sup>If a student completes additional modules, they shall decide which of the modules shall count towards the final grade. <sup>3</sup>Students shall inform the Examinations Office of their decision at the latest eight weeks before the final certificate is issued. <sup>4</sup>The decision is binding. <sup>5</sup>If students do not make a decision, the Examinations Office shall calculate the better achievement. <sup>6</sup>Additional modules shall not count towards the final grade; they may, however, be included in the transcript of records at the student's request. <sup>7</sup>Students shall submit a request to the Examinations Office at the latest four weeks before the final certificate is issued.

(4) Subject to the special provisions in **Appendix 1**, students may choose in which order they complete the modules.

## **Part II. Master's Degree Program**

### **Section 30 Master's Examination**

<sup>1</sup>The modules that must be completed as part of the degree program along with the semester in which they should be taken, as well as details of the module examinations are stipulated in **Appendix 4** to these examination regulations. <sup>2</sup>At most 120 ECTS credits are required to successfully complete the degree program.

### **Section 31 Qualification for a Master's Degree Program**

(1) <sup>1</sup>In order to qualify for admission to the Master's degree program, students must have:

1. Completed an undergraduate degree that is subject-specific or subject-related to the Master's degree program, or a degree from a university in Germany or another country with equivalent content.
2. Passed the qualification assessment process according to **Appendix 2**.
3. In the case of a subject-specific degree with a grade worse than 2.5 or in the case of a subject-related degree with a grade between 1.0 and 2.5: a pass in the admissions examination according to **Appendix 3**.

<sup>2</sup>A subject-specific degree is in particular a Bachelor's degree pursuant to these degree program and examination regulations or a degree with essentially equivalent content in the area of molecular medicine, molecular biomedicine, biomedicine, human biology or biomedical sciences <sup>3</sup>Subject-related degrees are in particular degrees in biology, life science and biosciences. <sup>4</sup>If there are significant differences which can be compensated for, the Examinations Committee may grant admission under the condition that proof of further achievements worth up to a maximum of 20 ECTS credits and to be determined by the Examinations Committee be submitted within one year of being admitted to the Master's degree program. <sup>5</sup>Admission is granted provisionally. <sup>6</sup>Section 86 **BayHIG** shall apply to the assessment of equivalence of German and foreign degrees.

(2) <sup>1</sup>Notwithstanding paragraph 1(1), students enrolled in a relevant Bachelor's degree program may be admitted to a Master's degree program if they have achieved at least 150 ECTS credits. <sup>2</sup>Proof of the successfully completed Bachelor's degree shall be submitted at the latest within one year of taking up the degree program; completing the Bachelor's degree program is a prerequisite for formally starting the Master's degree program. <sup>3</sup>Admission to the Master's degree program is granted provisionally; if proof is not submitted within the deadline, the student shall be de-registered.

(3) Applicants should have completed their undergraduate degree with an overall grade of at least 2.5.

### **Section 32 Scope and Structure of the Master's Degree Program**

(1) The Master's degree program consists of the following four module areas:

1. The Master's thesis module (35 ECTS credits)
2. Compulsory electives A (30 ECTS credits)
3. Compulsory electives B (25 ECTS credits)
4. Master's thesis (30 ECTS credits)

(2) <sup>1</sup>The module grades shall be used in the calculation of the overall grade for each area with the weighting of their ECTS credits unless otherwise specified in **Appendix 4**. <sup>2</sup>The grades for the various module areas are included in the final grade for the Master's examination weighted according to their ECTS credits.

### **Section 33 Master's Thesis**

(1) <sup>1</sup>The Master's thesis is a graded written assignment that concludes the Master's degree. <sup>2</sup>It is intended to show that the student is capable of dealing with a problem from their field independently and according to scientific methods within a set period. <sup>3</sup>The Master's thesis may not to any significant degree be identical to a previously submitted Diplom, Bachelor's, Master's or doctoral thesis (prevention of plagiarism). <sup>4</sup>The Master's thesis module is worth 30 ECTS credits and consists of the written thesis (Master's thesis, 25 ECTS credits) and the oral presentation (colloquium, 5 ECTS credits).

(2) <sup>1</sup>Students shall ensure that they are allocated a subject for their Master's thesis in time to observe the deadlines set forth in Section 7, usually at the start of the last semester in the regular duration of studies. <sup>2</sup>Students must have acquired at least 70 ECTS credits before they may be allocated a subject for their Master's thesis. <sup>3</sup>The subject and the date of its allocation shall be confirmed by the supervisor and presented to the Examinations Office. <sup>4</sup>Should a student, despite a genuine effort to that end, not be allocated a subject, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student.

(3) Section 28 (2) sentences 1 to 3 shall apply to supervision of the Master's thesis.

(4) <sup>1</sup>The time between the allocation of a subject and the submission of the Master's thesis shall not exceed six months (standard period for working on the thesis); the scope of the subject must be such that it can be dealt with within this period. <sup>2</sup>The Examinations Committee shall have the right to extend the period for the Bachelor's thesis by a maximum of one month upon receiving a justified request. <sup>3</sup>If a student submits a doctor's certificate proving that they are incapable of working on the Master's thesis, the period for thesis work shall be suspended temporarily. <sup>4</sup>If the period for working on the thesis as defined in sentence 4 is suspended for a considerable period of time (6 months minimum), the Examinations Committee shall check whether the period for working on the thesis ought to be terminated due to ill health, in which case the Master's thesis shall be registered with a new topic once the student is well again. <sup>5</sup>Sentences 3 and 4 shall apply accordingly in cases in which the student is prevented from working on the Bachelor's thesis due to serious reasons beyond their control and outside their sphere of risk.

(5) <sup>1</sup>The subject may only be returned once with good reason and with the approval of the chairperson of the Examinations Committee within the first third of the period for

thesis work. <sup>2</sup>Otherwise the Master's thesis shall be graded "nicht ausreichend" (unsatisfactory; 5.0) if the subject is returned; it shall be regarded as rejected.

(6) <sup>1</sup>The Master's thesis shall be written in English. <sup>2</sup>The thesis may be written in German in exceptional cases, but this requires the approval of the Examinations Committee. <sup>3</sup>The Master's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used. <sup>4</sup>The Master's thesis shall be submitted to the supervisor in duplicate as well as in a machine-readable electronic version; the date of submission shall be recorded in writing. <sup>5</sup>If the Master's thesis is not submitted in time, it shall be graded "nicht ausreichend" (unsatisfactory; 5.0); it shall be regarded as rejected.

(7) Section 28 (8) shall apply accordingly for the assessment of the written Master's thesis.

(8) <sup>1</sup>If the Master's thesis is rejected or if it is regarded as rejected, it may be repeated once; a second repetition shall not be permitted. <sup>2</sup>The student shall ensure that they receive a new subject for the repetition of the Master's thesis within the semester following the announcement of the rejection; otherwise the Master's thesis shall be regarded as having been failed at the final attempt; paragraph 2 (4) shall apply accordingly. <sup>3</sup>Paragraphs 1 to 7 shall apply accordingly to the repetition of the Master's thesis; returning the subject shall not be permitted. <sup>4</sup>The chairperson of the Examinations Committee may permit the student to submit a revised version of the Master's thesis within three months of the announcement of its rejection provided the student agrees and this has not been ruled out after the review. Revision shall not be permitted if the Master's thesis was rejected on grounds of fraud or plagiarism. <sup>5</sup>Paragraphs 1 to 7 shall apply accordingly with respect to the revised version.

(9) <sup>1</sup> Students shall present the results of their Master's thesis during the Master's colloquium to all participants in the module (supervisors and students of all Master's projects in the current semester) and examiners. <sup>2</sup>The presentation in the Master's colloquium shall be jointly assessed by ten members of staff pursuant to Section 20 (1) who are authorized examiners pursuant to Section 10 (1)(6).

(10) When determining the grade for the module, the thesis pursuant to paragraph 7 is accorded a weighting of 5/6 and the presentation 1/6.

(11) Provisions that deviate from paragraphs 1 to 8 may be agreed upon within the framework of dual degree agreements or degree program co-operations.

### **Section 34 Elective Modules**

(1) <sup>1</sup>Two modules each accounting for 5 ECTS credits can be chosen as elective modules. <sup>2</sup>The elective modules are chosen from the range of all courses available at FAU, as published in accordance with local practice at least one week before the semester begins. <sup>3</sup>The choice of modules can be amended by the Examinations Committee with effect from the next semester; the available modules shall be announced in accordance with local practice at the latest one week before the semester begins.

(2) <sup>1</sup>The learning outcome of the elective modules is to allow students to gain a fundamental or more in-depth knowledge of certain skills in individual areas chosen according to their own interests. <sup>2</sup>In addition, students can acquire specific practical laboratory skills. <sup>3</sup>The element of choice also allows students to tailor their profile in view of their

career plans. <sup>4</sup>The specific learning outcomes of the individual modules depend on the chosen module and are stated in the relevant **degree program and examination regulations** or the module description.

(3) The type and scope of examinations and the form of the modules are stipulated in the relevant **degree program and examination regulations** or the module description.

### **Section 35 Resit Examinations**

Section 29 shall apply to resitting examinations and taking additional modules.

## **Part III: Final and Transitory Provisions**

### **Section 36 Legal Validity**

(1) <sup>1</sup>These examination regulations shall come into effect on October 1, 2023. <sup>2</sup>They shall apply to all students who start the Bachelor's or Master's degree programs in Molecular Medicine in the winter semester 2023/2024 or later. <sup>3</sup>They shall also apply to all students who are already studying in accordance with the degree program and examination regulations for the Bachelor's and Master's degree programs in Molecular Medicine at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) – **PO MoIMed** – dated September 28, 2007 in the version dated April 29, 2021. <sup>4</sup>In the case of Bachelor's students studying at the time these degree program and examination regulations come into effect in accordance with the previously valid version of the degree program and examination regulations for the Bachelor's and Master's degree programs in Molecular Medicine at Friedrich-Alexander-Universität Erlangen-Nürnberg – **PO MoIMed** – dated September 28, 2007 in the version dated April 29, 2021, these degree program and examination regulations shall apply with the exception of **Appendix 1**; for these students, **Appendix 1** of the degree program and examination regulations for the Bachelor's and Master's degree programs in Molecular Medicine at Friedrich-Alexander-Universität Erlangen-Nürnberg – **PO MoIMed** – dated September 28, 2007, last amended by the statute dated April 29, 2021, shall apply.

(2) <sup>1</sup>At the same time, the degree program and examination regulations for the Bachelor's and Master's degree programs in Molecular Medicine at Friedrich Alexander Universität Erlangen-Nürnberg (FAU) – **PO MoIMed** – dated September 28, 2007, last amended by statute of April 29, 2021 shall become invalid as of September 30, 2029. <sup>2</sup>Students who are studying in accordance with a version of the degree program and examination regulations stated in sentence 1 valid before April 29, 2021 at the time these degree program and examination regulations come into effect shall complete their studies in accordance with the previous degree program and examination regulations. <sup>3</sup>Examinations pursuant to the degree program and examination regulations stated in sentence 1 will be offered for the last time for the Bachelor's degree program in summer semester 2028 and for the Master's degree program in winter semester 2023/2024. <sup>4</sup>Notwithstanding sentence 2, the provisions in **Appendix 2** shall apply to students applying for a Master's degree program as of summer semester 2024; until that time, the provisions stipulated in the **PO MoIMed** stated in sentence 3 shall continue to apply.

## Appendix 1: Structure of the Bachelor's Degree Program in Molecular Medicine

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits						Type and scope of the examination <sup>1)</sup>	GOP
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.	5th sem.	6. sem.		
<b>Academic mentoring</b>	Seminar				2)	2.5	0.5	0.5	0.5	0.5	0.5		Class participation in the 5th semester	
<b>Physics</b>	Lecture	4				7.5	7.5						Written examination 180 min (p/f) and PA (p/f)	
	Tutorial		2											
	Laboratory course			5										
<b>Physical chemistry</b>	Lecture I	2				7.5	2.5						Written examination 90 min (p/f) and PA (p/f)	
	Lecture II	2						2.5						
	Laboratory course			2					2.5					
<b>Principles of cell biology</b>	Lecture	3				5	5						Written examination 90 min. (graded)	
<b>General and inorganic chemistry</b>	Lecture	4				5	5						Written examination 90 min (p/f)	GOP
<b>Inorganic chemistry Laboratory course <sup>3)</sup></b>	Laboratory course			8		5		5					PA (p/f)	GOP
<b>Biochemistry and foundations of molecular medicine</b>	Preparatory course: Lecture	1				5	2.5						Leading a discussion 45 min (p/f) and presentation 10–20 min (p/f)	GOP
	Tutorial				2									
	Seminar				1				2.5					
<b>Functional anatomy of the human body</b>	Demonstration course in anatomy	4				5	5						Written examination 60 min (graded)	GOP
<b>General histology and embryology</b>	Lecture	3				5	5						Written examination or test <sup>4)</sup> (graded)	GOP
	Tutorial/exercise		2											
<b>Special histology and organ formation</b>	Lecture	3				5		5					Written examination or test <sup>4)</sup> (graded)	GOP
	Tutorial/exercise		2											
<b>Foundations of physiology and Foundations of bioinformatics</b>	General physiology	1.5			0.5	5		5					Written examination 60-90 min (graded)	
	Bioinformatics	2												
<b>Organic chemistry</b>	Lecture	3				10		5					Written examination 90 min (p/f) and	
	Seminar				1									
	Laboratory course <sup>3)</sup>			7						5				

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits						Type and scope of the examination <sup>1)</sup>	GOP
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.	5th sem.	6. sem.		
													PA (p/f)	
<b>Vegetative physiology</b>	Vegetative physiology	4		5	2	<b>10</b>			10				Written examination 60 min. (graded)	
<b>Neurophysiology and neuroanatomy</b>	Neuroanatomy	1.5			0.5	<b>10</b>							Written examination 120 min (graded) or Partial examination Neuroanatomy 60 min (graded) and Partial examination Neurophysiology 60 min (graded) <sup>5),6)</sup>	
	Neurophysiology	4		5	2					10				
<b>Biochemistry and molecular biology I</b>	Lecture	4				<b>10</b>			10				Written examination approx. 180 min (graded)	
	Seminars				3									
<b>Biochemistry and molecular biology II</b>	Lecture	4				<b>10</b>					10		Presentation approx. 10 min. (p/f) and Written examination 180 min. (graded)	
	Seminars				4									
<b>Biochemical laboratory course I</b>	Lecture	2				<b>5</b>			5				PA (p/f)	
	Laboratory course				4									
<b>Biochemical laboratory course II</b>	Lecture	2				<b>5</b>					5		PA (p/f)	
	Laboratory course				4									
<b>Microbiology, immunology and virology</b>	Lecture	3				<b>5</b>					5		Written examination 90 min (graded)	
	course	2	1											
<b>Radiation protection</b>	Radiation protection course		3			<b>2.5</b>					2.5		Written examination 90 min (graded) <sup>7)</sup>	
<b>Human genetics</b>	Lecture	2				<b>5</b>					5		Written examination 90 min (graded)	
	course		4											
<b>Cell biology laboratory course</b>	Laboratory course			5		<b>5</b>					5		Presentation 10-20 min and EA (p/f and p/f)	

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits						Type and scope of the examination <sup>1)</sup>	GOP	
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.	5th sem.	6. sem.			
<b>History of science and medical ethics</b>	History, medical ethics	1			1	2.5					2.5		Written examination 60 min (graded)		
<b>Pharmacology and toxicology</b>	Lecture	4				5					5		Written examination 60 min (graded)		
<b>Molecular pharmacology</b>	Tutorial/exercise		4			5						5	Presentation (15-20 min) (graded) and written assignment (4-5 pages) (both graded, both 50%)		
<b>General pathology</b>	Lecture	5				5					5		Written examination approx. 60 min. (graded, 50%) and preparation examination approx. 45 min (graded, 50%) <sup>6)</sup>		
	Tutorial/exercise		2												
<b>Special pathology <sup>8)</sup></b>	Lecture	2				5					5		Written examination approx. 60 min. (graded, 50%) and preparation examination approx. 45 min (graded, 50%) <sup>6)</sup>		
	Tutorial/exercise		1												
<b>Biometrics and epidemiology</b>	Lecture	1				5					5		Written examination 90 min (graded)		
	Tutorial/exercise		3												
<b>Compulsory elective module Practical experiments</b>				10		7.5						7.5	EA including protocol (approx. 15-20 pages) and presentation of the content (10-15 min) (both graded, both 50%) <sup>6)</sup>		
<b>Bachelor's thesis</b>	Bachelor's thesis					10						10	Presentation and written thesis (p/f and graded) <sup>6)</sup>		
<b>Total SWS and ECTS credits:</b>		74	24	49	25	180	33	28	30.5	30.5	28	30			
		172													

**Key:**

- 1) (p/f): pass/fail
- 2) The course is held over a total of 8 hours each semester, on 4 different dates in each semester.
- 3) In order to ensure safety in the laboratory, students must pass the written examination in general and inorganic chemistry before participating in the inorganic chemistry laboratory course and the written examination in organic chemistry before participating in the organic chemistry laboratory course.
- 4) The examination format is announced when the examination date is announced.
- 5) Students may choose to take one 120 minute written examination or two partial examinations of 60 minutes each in the individual subject areas (neuroanatomy and neurophysiology).
- 6) Assessed pursuant to Section 20 (2) sentences 4 to 5
- 7) In order to obtain a distinction, students must answer 70% of the questions correctly, and 60% to pass.
- 8) The module "General pathology" must be passed as a prerequisite for this module.

## Appendix 2: Qualification assessment process

(1) The qualification assessment process is held according to requirements, but at least in time for beginning studies in the Master's degree program.

(2) <sup>1</sup>Applications for the qualification assessment process must be submitted via the FAU application portal during a time period published on the degree program's website pursuant to sentence 2. <sup>2</sup>Applications for the winter semester can be submitted between February 15 and May 31 each year or from April 15 until July 15 each year. <sup>3</sup>The start and end dates for the application period specified in sentence 2 may also be combined in other ways; selecting different start and end dates is not possible. <sup>4</sup>Students must register for the admissions examination pursuant to sentence 5 (6) in conjunction with **Appendix 3** via the website for the Master's degree program at the latest 7 days before the date of the examination (final deadline). <sup>5</sup>The following documents must be submitted with the application:

1. University degree certificate (Section 31 (1)(1)(1)) or, in the case of Section 31 (2), a transcript of records
2. CV in tabular form
3. A letter of application
4. Proof of English language proficiency of at least level B2 of the Common European Framework of Reference, this can in particular be provided by submitting evidence of having taken at least 6 years of English lessons at a German secondary school (*Gymnasium*) or evidence of having successfully completed the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) at level B2 or above or other comparable evidence (please refer to the table of equivalence published by the FAU Language Centre); applicants who completed their university entrance qualification or first degree in English shall not be required to provide proof of English language proficiency.
5. Proof of research-related activities at a university, relevant professional experience abroad, awards and other relevant activities/knowledge, if applicable.
6. In the case of Section 31 (1)(1)(3), proof of passing the admissions examination according to **Appendix 3** (deadline for registration: 15 June).

(3) <sup>1</sup>In accordance with Section 8 (4), qualification assessment shall be the responsibility of the Examinations Committee. <sup>2</sup>The Examinations Committee may transfer the tasks of coordinating and conducting the procedure to individual members.

(4) <sup>1</sup>Admission to the qualification assessment process shall be subject to the timely and complete submission of the documents listed in paragraph (2). <sup>2</sup>The qualification assessment process shall be carried out with those applicants who fulfill the requirements according to the provisions in paragraphs 5 and 6. <sup>3</sup>Applicants who are rejected shall receive a rejection notification including reasons and information on legal remedies available.

(5) <sup>1</sup>A preselection shall be carried out using the submitted documents in order to determine whether the applicant is likely to be able to demonstrate that they are suitable for the Master's degree program in the oral examination pursuant to (6). <sup>2</sup>Particularly well-qualified applicants are accepted onto the Master's degree program on the basis of this preselection. <sup>3</sup>In particular, applicants shall be judged particularly qualified if they have a grade of at least 2.5 (= gut, good) in the subject-specific degree according

to Section 31 (1)(1)(1) or, in the case of Section 31 (3), an average grade in their previous subject-specific achievements of at least 2.5 (= gut, good). <sup>4</sup>Section 12 (3) sentences 1 to 3 shall apply accordingly for qualifications and modules with a differing grading system. <sup>5</sup>Applicants who are not accepted on to the Master's degree program after the preselection and who have at worst the grade 3.0 (subject-specific degree) or 2.5 (subject-related degree) shall be evaluated according to the following criteria:

1. Quality of the previous degree or previous achievements (two points per increment of 0.1 in the grade) (maximum of 40 points; equivalent to a final grade of 1.0 in previous degree; 38 points equivalent to 1.1 etc.)
2. Quality of the passed admissions examination according to **Appendix 3** (maximum of 50 points, see **Appendix 3** for evaluation)
3. Other specialist skills, knowledge and soft skills, in particular research laboratory courses and internships related to molecular medicine (10 points; evaluation pursuant to sentence 6)

<sup>6</sup>For the purposes of the evaluation pursuant to sentence 5 (3), points shall be allocated as follows, with a maximum of 10 points available even if full points are awarded for all sections:

Type	Qualification	Points (10 in total)
Internship, publications, research exchanges or the like	Practical experimental skills, molecular biology methodology, independent project work, duration	<b>Max. 6</b> Up to one month = 1 point up to three months = 2 points longer than three months = 3 points Publications (peer review) = 1 point Independent project work = 2 points
Training courses, extra-curricular events or the like	Subject-specific and social skills	<b>Max. 4</b> 1 point for each training course/event
Courses in soft skills	Discussion skills, social skills	<b>Max. 2</b> 1 point per course

<sup>7</sup>Applicants with between 100-75 points are admitted directly to the Master's degree program <sup>6</sup>Applicants with 60-74 points shall be invited to a qualification assessment interview according to Section 6. <sup>9</sup>Applicants who are not granted direct admission or invited to a qualification assessment interview on the basis of the result of the preselection shall receive a rejection notification including reasons and information on the legal remedies available; a repetition of the qualification assessment process on the basis of the documents submitted for the first application shall not be permitted.

(6) <sup>1</sup>Applicants who are admitted to the oral examination shall sit this examination before two lecturers appointed by the Examinations Committee; applicants shall be informed of the date of the examination at least two weeks in advance. <sup>2</sup>The qualification assessment interview lasts approximately 20 minutes per person and is generally conducted in groups of three people; the interview may be conducted as a video call upon request. <sup>3</sup>It is intended to demonstrate that the applicant possesses the required technical and methodological expertise and can be expected to carry out independent academic work in a more research-oriented degree program. <sup>4</sup>It shall cover the following equally weighted criteria:

1. Knowledge of theories, key concepts and fundamentals of molecular medicine
2. Ability to form hypotheses and interpret research results
3. Conceptual approach to academic questions and methodological implementation in relation to molecular medicine.

<sup>5</sup>The qualification assessment interview shall be rated as pass or fail. <sup>6</sup>Any applicants who fail the qualification assessment interview may repeat it one time within two consecutive admission periods; sentences 1 to 5 shall apply accordingly. <sup>7</sup>No further repetitions shall be permitted.

(7) <sup>1</sup>Applicants shall be notified of the result in writing. <sup>2</sup>A rejection notification must include reasons and information on the legal remedies available; a repetition of the qualification assessment process on the basis of the documents submitted for the first application shall not be permitted.

(8) <sup>1</sup>The qualification assessment process shall be adjusted to take into account the nature and extent of a student's disability. <sup>2</sup>Students with a doctor's certificate showing credibly that they are either partially or fully incapable of sitting the examination in the intended manner due to long-term or permanent disabilities which do not affect the performance which is being tested shall be entitled to be granted permission by the chairperson of the Examinations Committee to have this disadvantage offset by working time being extended accordingly or the examination process being structured differently. However, care must be taken to ensure that the examination is still suitable to provide evidence of skills which are being assessed by the examination.

(9) Applicants shall bear their own costs incurred as a result of taking part in the qualification assessment process.

## Appendix 3: Admissions Examination

1. Purpose of the admissions examination  
The aim of the admissions examination is to determine whether the applicant possesses the previous knowledge of the subject required for the Master's degree program in Molecular Medicine.
2. Procedure
  - 2.1 <sup>1</sup>The admissions examination shall be offered as required, but at least once in the semester preceding the semester in which the degree program starts. <sup>2</sup>The date for each admissions examination shall be announced at least four weeks in advance on the website for the Master's degree program.
  - 2.2 Applicants must register for the admissions examination via the Master's degree program website at the latest 7 days before the examination (final deadline).
  - 2.3 The examination shall be held digitally via the StudOn Exam platform.
3. Examiners  
<sup>1</sup>The Examinations Committee of the Master's degree program is responsible for coordinating, conducting and evaluating the admissions examination pursuant to Section 8 (4). <sup>2</sup>The Examinations Committee may transfer the tasks of coordinating, conducting and evaluating the admissions examination to individual members.
4. Conducting and evaluating the admissions examination
  - 4.1 <sup>1</sup>The admissions examination is a written examination that is split into two sections each lasting 30 minutes (first part: 30 multiple choice questions, and second part: 10 multiple choice questions and two open questions). <sup>2</sup>It covers questions from the areas of human biochemistry, physiology, anatomy, cell biology, pharmacology, pathology or genetics.
  - 4.2 <sup>1</sup>A total of 50 points is allocated to the admissions examination pursuant to sentence 2. <sup>2</sup>Points are allocated for the admissions examination as follows: 40 multiple choice questions worth 1 point each and two open questions each worth a maximum of 5 points. <sup>3</sup>Points shall be awarded pro rata for partially correct answers to the open questions. <sup>4</sup>The points achieved shall be included in the pre-selection pursuant to Appendix 2 (5). <sup>5</sup>Applicants shall only be admitted to the second part of the admissions examination if they achieve at least 30 points in total between the points gained in part 1 and the quality of their previous degree or previous achievements pursuant to **Appendix 2 (5)(5)(1)**, with at least 8 points being achieved in the first part of the admissions examination. <sup>6</sup>The invitation to the second part of the admissions examination shall be included with the notification of the results of the first part.
5. Withdrawal, Absence, Resits
  - 5.1 <sup>1</sup>Applicants may withdraw from the admissions examination without any negative consequences by sending an email to the Examinations Committee at least three days before the admissions examination. <sup>2</sup>Applicants may only withdraw from the admissions examination up until the time it is due to start for reasons beyond their control (e.g. an inability to sit the examination due to illness). <sup>3</sup>The reasons according to sentence 2 shall be explained in writing and shown credibly to the Examinations Committee without delay. <sup>4</sup>Applicants may not withdraw from the examination once the examination has started.
  - 5.2 In the event of a late or incorrect withdrawal or failure to attend the admissions examination, the applicant shall be considered to have failed.
  - 5.3 The admissions examination may be repeated one time at the next available appointment on the basis of the documents submitted with the first application.

6. Section 14 shall apply accordingly to faults in the admissions examination.
7. Costs  
Applicants shall bear their own costs incurred as a result of taking part in the admissions examination.

## Appendix 4: Study Plan for the Master's Degree Program in Molecular Medicine

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits				Type and scope of the examination <sup>1)</sup>	Grade factor	
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.			
<b>Compulsory modules (35 ECTS credits)</b>													
Advanced lectures in Molecular Medicine 1	Lectures	6				10	10				Written examination 180 min. (graded)	1	
Advanced lectures in Molecular Medicine 2	Lectures	6				10		10			Written examination 180 min. (graded)	1	
Architecture of biopolymers	Seminar				2	5	5				Presentation approx. 30 min. (p/f) and Written examination 60 min. (graded)	1	
	Computer-based tutorial		2										
Research design	Seminar				3	5		5			Written seminar paper (graded, 10-15 pages)	1	
Laboratory Animal science and biological safety	Lecture Animal care	1				5	5				Written examination 120 min (p/f)	0	
	Animal handling or alternative methods training			1.5									
	Lecture Biological safety	1											
<b>Compulsory electives A (30 ECTS credits)</b>													
Seminar module 1	Seminar				2	5	5				Presentation (approx. 30 min.) and written seminar paper (approx. 20 pages) (p/f and graded)	1	
Seminar module 2	Seminar				2	5		5			Presentation (approx. 30 min.) and written seminar paper (approx. 20 pages) (p/f and graded)	1	
Seminar module 3	Seminar				2	5			5		Either 1, 2 or 3; type of examination stipulated in module handbook by module coordinator: 1. Presentation (approx. 30 min.) and written seminar paper (approx. 20 pages) (p/f and graded) 2. Presentation (approx. 30 min, p/f) and written examination approx. 90 min (graded) 3. Presentation (approx. 30 min, p/f) and	1	

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits				Type and scope of the examination <sup>1)</sup>	Grade factor
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.		
											moderation 30–45 min, graded	
Elective module A	see Section 34 (3)					5	5				see Section 34 (2)	0
Project development	Lab course with seminar			6	1	10			10		Written project plan (5-10 pages)	1
<b>Compulsory electives B (25 ECTS credits)</b>												
<b>A. Laboratory training (25 LP)</b>												
External module	5 months practical course					25		10	15		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
<b>B. Laboratory training (25 LP)</b>												
External module	4 months practical course					20		10	10		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
Elective module	see Section 34 (3)					5			5		see Section 34 (2)	0
<b>C. Laboratory training (25 LP)</b>												
External module	3 months practical course					15			15		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
Laboratory module	2 months practical course					10		10			EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
<b>D. Laboratory training (25 LP)</b>												
External module	2 months practical course					10		10			EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
Laboratory module	3 months practical course					15			15		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
<b>E. Laboratory training (25 LP)</b>												
Laboratory module	2 months practical course					10		10			EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits				Type and scope of the examination <sup>1)</sup>	Grade factor
		L	T	P	S		1. sem.	2. sem.	3. sem.	4. sem.		
Laboratory module	2 months practical course					10			10		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
Elective module B	see Section 34 (3)					5			5		see Section 34 (2)	0
<b>F. Laboratory training (25 LP)</b>												
Laboratory module	2 months practical course					10		10			EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
Laboratory module	3 months practical course					15			15		EA including protocol (approx. 20-30 pages) and presentation of the content (20-30 min) (graded and p/f)	1
<b>Work on Master's thesis (30 ECTS credits)</b>												
Master's thesis with Master's colloquium	6 months					30				25	Written thesis and presentation 10–20 min (graded, 5/6 and graded, 1/6) <sup>2)</sup>	1
					1.5					5		1
<b>Total SWS and ECTS credits:</b>		<b>14</b>	<b>2</b>	<b>7.5</b>	<b>13.5</b>	<b>120</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>		

1) (p/f): pass/fail

2) Assessed pursuant to Section 20 (4) sentences 4 and 5.