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

In accordance with §§ 19 paragraph (1) sentence 2 nos. 7 and 9, 32 paragraph (3) of the law governing institutions of higher education, LHG of 1 January 2005 (GBI. p. 1), in the version published 1 April 2014 (GBI. p. 99) most recently amended by article 8 of the law dated 7 February 2023 (GBI. pp. 26, 43), the University of Tübingen Senate on 04.05.2023 passed the Special Provisions of these exam regulations for the study program in Economics at the University of Tübingen culminating in an examination for a Master of Science (M. Sc.) degree.

Approved by the President on 19.09.2023.

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A. Validity of General Provisions and admission requirements

§ 1 Validity of General Provisions

The University of Tübingen exam regulations for Master's degree programs culminating in the academic degree of Master of Science (M.Sc.) / Master of Arts (M.A.) – Master's degree framework

exam regulations (MRPO) – as amended represent the General Provisions of these exam regulations and are an integral part of them, insofar as no more specific provisions have been made.

§ 2 Requirements for admission to program

- (1) ¹A prerequisite for studies in this Master's program is a grade of 2.5 or better in a Bachelor's degree in the subject of Business and Economics, in a related program covering basically the same material, or an equivalent degree. ²Furthermore, the applicant must demonstrate successfully completed coursework in the following subjects in particular in his/her Bachelor's studies:
 - advanced knowledge in micro- and macroeconomics and
 - advanced knowledge in quantitative methods of economics

³The respective examination board will decide on the equivalency of a degree and on whether the prerequisite in sentence 2 above has been met. ⁴The board of examiners may transfer the making of this decision revocably to the head of the board. ⁵If there is a restricted number of admissions, statutes may specify that the decision is instead made by a selection committee formed for the relevant selection process.

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

B. Goals, content and structure of the program

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

- (1) ¹Studies in Master of Science program (M. Sc.) in Economics (hereinafter: the program) enable students to acquire the specific qualifications, competencies, knowledge, abilities and skills required for a Master's degree in the subject of Economics under § 7 (1) of the Master's degree framework exam regulations. ²The objective of the program is to deepen or expand the knowledge acquired in the Bachelor's degree, thus providing the basis for the development and/or application of the student's own ideas (application or research-oriented); graduates possess a broad, detailed and critical understanding at the cutting edge of knowledge in one or more specialized fields
 - and are able to apply their knowledge and understanding as well as their problem-solving skills in new and unfamiliar situations related to their field of study in a wider or multidisciplinary context (instrumental competencies).
 - to integrate knowledge and deal with complexity,
 - and to make academically sound decisions on the basis of incomplete or limited information, taking into account social, scientific and ethical findings resulting from the application of their knowledge and from their decisions,
 - to acquire new knowledge and skills independently and to carry out largely self-directed and/or autonomous independent research- or application-oriented projects (systemic competencies).
 - to communicate their conclusions and the information and motives underlying them to expert representatives and laypersons in a clear and unambiguous manner, to exchange information, ideas, problems and solutions with both experts and laypersons on an academic level and to assume prominent responsibility in a team (communicative competencies).

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

- (2) ¹The regular duration of study for this degree program is four semesters. ²The program comprises 120 ECTS credit points (CP).
- (3) Over and above the number of credit points prescribed for the degree program according to these regulations, students may obtain no more than a 30 additional credit points from the degree

program modules specified in § 5, para. (1); in all other respects, § 2, para. (5) of the Master's degree framework exam regulations applies.

§ 4 Academic degree

The academic degree "Master of Science" (abbr. "M.Sc.") is conferred on the basis of a successful completion of the program.

§ 5 Program Structure

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

Se- mes ter no.	Module no.	P/WP	Module title	Work for as- sessment	СР		
Core	Core Studies Area						
1-3	E424	Р	Advanced Macroeconomics	written or oral	9		
1-3	E433	Р	Advanced Macroeconomics	written or oral	9		
1-3		Р	Core Studies Econometrics	written or oral	9		
Speci	alization Stu	udies Are	ea				
2-4		P/WP	Specialization Studies Economics, Econometrics and Finance	written or oral	51- 60		
Electi	ve Studies A	Area					
2-4		WP	Free Elective Studies	written or oral	0-9		
Comp	oulsory mod	ules area	a				
2-4	CM5_02	Р	Advanced Topics in Economics	written or oral	9		
Final	Final Module						
4	MA5_02	Р	Master Thesis in Economics (final module)	Master's thesis	24		

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

- (2) ¹As part of the program, students should complete practical work (internship) which serves the program's qualification goals.
- (3) ¹In the Specialization Studies area, students must obtain at least 51 CP and at most 60 CP in total.² In the Elective Studies area, students may obtain up to 9 CP. ³The modules in the areas set out in sentence 1 and sentence 2 are marked as such in the module handbook.

§ 6 Economic History and Development profile line

(1) ¹The program may also be completed with a profile line in Economic History and Development. ²For successful conclusion of the degree program with the profile line named in sentence 1 and in order to obtain the CP as set out in § 3 (2), students complete a study program consisting of the following modules:

Se- mes ter no.	Module no.	P/WP	Module title	Work for as- sessment	СР			
Core	Core Studies Area							
1-3	E424	Р	Advanced Macroeconomics	written or oral	9			
1-3	E433	Р	Advanced Macroeconomics	written or oral	9			
1-3		Р	Core Studies Econometrics	written or oral	9			
Profill	Profilbereich Economic History and Development							
2-4		P/WP	Compulsory Track Modules Economic History and Development	written or oral	18- 27			
2-4		P/WP	Elective Track Modules Economic History and Development	written or oral	3-12			
Speci	alization Stu	udies Are	ea					
2-4		P/WP	Specialization Studies Economics, Econometrics and Finance	written or oral	21- 39			
Electi	ve Studies A	Area						
2-4		WP	Free Elective Studies	written or oral	0-9			
Comp	Compulsory modules area							
2-4	CM5_02	Р	Advanced Topics in Economics	written or oral	9			
Final	Final Module							
4	MA5_02	Р	Master Thesis in Economics (final module)	Master's thesis	24			

(2) ¹In the Economic History and Development profile area, students must obtain at least 18 CP and at most 27 CP in the modules marked in the module handbook as Compulsory Track Modules Economic History and Development; and at least 3 CP and at most 12 CP must be obtained in the modules marked in the module handbook as Elective Track Modules Economic History and Development. ²In the chosen profile area, at least 21 CP must be obtained from the modules listed in sentence 1. ¹In the Specialization Studies area, students must obtain at least 21 CP and at most 39 CP from the modules marked in the handbook as Specialization Studies Economics, Econometrics and Finance modules. ⁴In the Elective Studies area, students may obtain up to 9 CP in the modules marked as Free Elective Studies in the module handbook.

§ 7 Empirical Methods and Data Analysis profile line

(1) ¹The program may also be completed with a profile line in Empirical Methods and Data Analysis. ²For successful conclusion of the degree program with the profile line named in sentence 1 and in order to obtain the CP as set out in § 3 (2), students complete a study program consisting of the following modules:

Se- mes ter no.	Module no.	P/WP	Module title	Work for as- sessment	СР		
Core Studies Area							

1-3	E424	Р	Advanced Macroeconomics	written or oral	9			
1-3	E433	Р	Advanced Macroeconomics	written or oral	9			
1-3		Р	Core Studies Econometrics	written or oral	9			
Profil area Empirical Methods and Data Analysis								
2-4		P/WP	Elective Track Modules Empirical Methods and Data Analysis	written or oral	21- 30			
Speci	Specialization Studies Area							
2-4		P/WP	Specialization Studies Economics, Econometrics and Finance	written or oral	21- 39			
Electi	ve Studies A	Area						
2-4		WP	Free Elective Studies	written or oral	0-9			
Comp	Compulsory modules area							
2-4	CM5_02	Р	Advanced Topics in Economics	written or oral	9			
Final	Final Module							
4	MA5_02	Р	Master Thesis in Economics (final module)	Master's thesis	24			

^{(2) &}lt;sup>1</sup>In the Empirical Methods and Data Analysis profile area, students must obtain at least 21 CP and at most 39 CP from modules marked in the handbook as Elective Track Modules Empirical Methods and Data Analysis modules. ²In the Specialization Studies area, students must obtain at least 21 CP and at most 39 CP from the modules marked in the handbook as Specialization Studies Economics, Econometrics and Finance modules. ³In the Elective Studies area, students may obtain up to 9 CP in the modules marked as Free Elective Studies in the module handbook.

§ 8 International Economics profile line

(1) ¹The program may also be completed with a profile line in International Economics. ²For successful conclusion of the degree program with the profile line named in sentence 1 and in order to obtain the CP as set out in § 3 (2), students complete a study program consisting of the following modules:

Se- mes ter no.	Module no.	P/WP	Module title	Work for as- sessment	СР		
Core	Core Studies Area						
1-4	E424	Р	Advanced Macroeconomics	written or oral	9		
1-4	E433	Р	Advanced Macroeconomics	written or oral	9		
1-4		Р	Core Studies Econometrics	written or oral	9		

Profile	Profile area						
1-4		P/WP	Compulsory Track Modules in International Economics	written or oral	18- 27		
1-4		P/WP	Elective Track Modules in International Economics	written or oral	3-12		
Speci	Specialization Studies Area						
1-4		P/WP	Economics, Econometrics and Finance	written or oral	21- 39		
Electi	ve Studies A	Area					
1-4		WP	Free Elective Studies	written or oral	0-9		
Comp	oulsory mod	ules area	a				
1-4	CM5_02	Р	Advanced Topics in Economics	written or oral	9		
Final	Final Module						
1-4	MA5_02	Р	Master Thesis in Economics (final module)	Master's thesis	24		

(2) ¹In the International Economics profile area, students must obtain at least 18 CP and at most 27 CP in the modules marked in the handbook as Compulsory Track Modules International Economics; and at least 3 CP and at most 12 CP must be obtained in the modules marked in the handbook as Elective Track Modules International Economics. ²At least 21 CP must be obtained from the modules listed in sentence 1. ¹Students must obtain at least 21 CP and at most 39 CP from the modules marked in the handbook as Specialization Studies Economics, Econometrics and Finance modules. ⁴In the Elective Studies area, students may obtain up to 9 CP in the modules marked as Free Elective Studies in the module handbook.

§ 9 Structure of the double-degree variant

(1) In the double-degree variant of the program, students complete a program to earn credit points as set out in § 3 (2); the program consists of the following modules:

Se- mes ter no.	Module no.	P/WP	Module title	Work for as- sessment	СР
Study	abroad are	a			
1-2		Р	Modules amounting to 60 CP at a partner university abroad, specified by a cooperation agreement	For course- work to be as- sessed in this area, see part- ner institution's provisions	60

Specialization Studies Area and Elective Studies Area								
3-4		P/WP	Modules in the Specialization Studies and Elective Studies areas	written or oral	27			
Comp	Compulsory modules area							
3-4	CM5_02	Р	Advanced Topics in Economics	written or oral	9			
Final	Final Module							
3-4	MA5_02	Р	Master Thesis in Economics (final module)	Master's thesis	24			

(2) ¹As part of the double-degree variant of the program, the student is to complete a period of studies at a university abroad of 60 CP, usually in the first and second semester; these studies abroad must serve the qualification goals of the double-degree variant of the program. ²The CP for studies abroad are allocated in the Study Abroad area. ³Further regulations regarding work to be completed at the university abroad may be set out in the module handbook; in particular, it may be determined that a Learning Agreement is to be concluded. ⁴Coursework at the university abroad is to be completed according to the regulations of the relevant institution. ⁵In justified cases the responsible examination board may approve exceptions for the completion of module coursework intended for the area specified in sentence 2, upon application. ⁶If an exception is approved under sentence 5, the responsible examination board will decide on the substitute modules and/or classes to be completed, under consideration of the provisions set out in § 35 LHG and § 38 MRPO.

§ 10 PhD orientation

¹The program and the variants of the program set out in sections §§ 6 − 9 may also be completed with a PhD orientation focus. ²For the successful completion of the variation with PhD orientation, the successful completion of a total of at least 18 CP from modules is a prerequisite; these must be marked as "PhD-oriented" in the module handbook and may not be assigned to the Core Studies area.

§ 11 Module coursework

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

§ 12 Languages of instruction and examination

¹English is the language of instruction and examination in this degree program. ²Classes and module coursework may be conducted, promoted and taught in the following languages:

German.

³Furthermore, teachers and examiners may promote and/or conduct classes and/or module course-work in another language for the purpose of teaching that language. ⁴Exams are usually conducted in the language in which the relevant classes were held; other assessment is usually conducted in the language in which the relevant classes were held. ⁵It is therefore assumed that students have sufficient knowledge of the relevant languages.

C. Assessment in the program

I. General Provisions for assessed coursework

§ 13 Multiple-choice procedure

- (1) ¹Written assessment in the form of examinations may, in the following cases, be wholly or partly conducted in such a way that the candidate must indicate which of the answers presented with the examination questions he or she considers to be correct (multiple-choice procedure). ²The conditions for the conducting of examinations including multiple-choice questions are:
 - the examination tasks are set by the person or persons acting as the examiner, and
 - the examinations, after they have been completed, are corrected in their entirety by the person or persons acting as examiners, and
 - the examinations are graded by the person or persons acting as examiners according to their respective individual grading scheme according to § 19 MRPO.

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

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

II. Special provisions for the final module

§ 14 Final module

- (1) ¹The student writes the Master's thesis in the final module; this is regulated in § 28 of the MRPO. ²In the final module, 24 credit points must be obtained.
- (2) The time limit for writing a Master's thesis from the issuing of the topic to submission of the thesis is 18 weeks.

§ 15 Subject-specific provisions for admission to final module

The admission requirements for the Master's thesis are, in addition to the prerequisites specified in the MRPO, the successful completion of modules worth a total of at least 30 CP from among the modules and areas specified in the module tables in §§ 5-9; CP completed in Free Elective Studies modules are not taken into account here.

D. <u>Deadlines for examinations in the program</u>

§ 16 Deadline for completion of studies

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

E. <u>Master's overall grade, certificate and other documentation</u>

§ 17 Calculation of overall grade

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

§ 18 Certificate and other documentation

- (1) Along with the details provided for under § 36 par. 1 MRPO, the following details are entered:
 - the PhD orientation focus completed under § 10, if applicable
 - the profile line completed under § 6, §7 or §8, as applicable
 - information regarding the successful completion of a double-degree program, if applicable

F. Special regulations for cooperations with other institutions of higher education

§ 19 Cooperation partners

¹To enable the double-degree studies abroad variant of the program, the University of Tübingen shall make a cooperation agreement with one or more institutions of higher education outside Germany. ²The cooperation agreement(s) will name the university participating in the double-degree option and regulate the more detailed framework conditions of the cooperation and the exchange program.

§ 20 Participation in the exchange programs

To participate in the exchange programs in the double-degree variant of the degree program, students must apply in advance to the School of Economics - in the case of the double-degree program by 15 May - prior to commencing the degree studies.

§ 21 Module coursework abroad

Module coursework in the double-degree variant, which are to be completed at an institution of higher education outside Germany in accordance with § 9, must be completed in accordance with the regulations applicable at the respective institution abroad.

§ 22 Grading of Master's thesis

The Master's thesis may be evaluated by persons authorized to conduct examinations at the cooperating institution of higher education.

§ 23 Double degree

Upon successful completion of their studies, students will receive their academic degree from the respective partner institution abroad in line with the respective regulations.

G. Closing remarks

§ 24 Effective date and transitional arrangements

¹These exam regulations come into effect on the date of their publication in the University of Tübingen's official bulletin, the Amtliche Bekanntmachungen. ²Their first semester of validity is the winter semester 2023/24.³Students who commenced their studies at the University of Tübingen prior to the semester specified in sentence 2 are - subject to the following provisions - entitled to complete their module coursework in this degree program at the University of Tübingen by 31 March 2026 under the previously valid rules; however, regarding the examination board, § 6 MRPO applies. ⁴Students who commenced their studies at the University of Tübingen prior to the semester specified in sentence 2, are entitled to switch and complete their module coursework in the degree program under these current exam regulations upon written application, which must be submitted to the central examination office by 31 March 2024. ⁵If no application under sentence 4 above is lodged, then - after the deadline specified in sentence 3 - the module coursework in the degree

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program must be completed under these current regulations. ⁶Module coursework completed previously will only be accredited according to the new exam regulations and the corresponding module handbook, subject to the following provisions. ⁷These exam regulations do not grant any new or additional right to be assessed in an area already assessed; any fails in assessed work under the previous exam regulations will be included. ⁸Furthermore the responsible board of examiners may agree suitable transitional arrangements in individual cases, particularly if previous classes are no longer offered as before or if certain classes have been completed, possibly offering partial accreditation and/or requiring certain conditions to be fulfilled, particularly if a "learning agreement" is to be considered.

Tübingen, 19.09.2023

Professor Dr. Karla Pollmann President