

Subject-specific study and examination regulations for the bachelor's and master's programmes in Management and Economics offered by the Faculty of Mathematics and Economics at Ulm University of 6 December 2022

Based on § 32 (3) sentence 1 of the Federal State Higher Education Act Baden-Württemberg (Landeshochschulgesetz, LHG) in the version of 1 January 2005 (law gazette p. 1 ff), amended by article 1 of the fourth higher education amendment act (Viertes Hochschulrechtsänderungsgesetz - 4. HRÄG) of 17 December 2020 (law gazette p. 1204 ff) and under consideration of the latest amendment by article 1 of the act on changes to the Federal State Higher Education Act (Gesetz zur Änderung des Landeshochschulgesetzes) and other acts of 26 October 2021 (law gazette p. 941), the Senate of Ulm University, upon the approval of the Faculty of Mathematics and Economics at Ulm University, adopted the following Subject-specific study and examination regulations (FSPO) for the bachelor's and master's programmes in Management and Economics in its meeting on 16 November 2022.

The President of Ulm University gave his consent on 6 December 2022 in accordance with § 32 (3) sentence 1 of the *LHG*.

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I. General

§ 1 Scope of application and academic degrees (§ 1 General Framework)

- (1) These Subject-specific study and examination regulations contain specific regulations for the bachelor's and master's programmes in Management and Economics.
- (2) The Faculty of Mathematics and Economics offers a bachelor's programme in Management and Economics leading to a Bachelor of Science (abbreviated to B.Sc.) degree and a master's programme in Management and Economics leading to a Master of Science (abbreviated to M.Sc.) degree.

§ 2 Programme objectives (§ 2 General Framework)

- (1) The bachelor's- and the master's programme in Management and Economics are economics and management programmes linking up study areas from business administration, economics, mathematics, computer science, law and languages in an integrative manner. The degree programmes are designed to prepare students for careers in business, non-governmental organisations or the public sector, where this combination of skills is of particular interest. Economists with a bachelor's degree should be able to solve practical problems using the subject-specific and interdisciplinary methods acquired during their studies. The bachelor's programme should enable students to obtain specific professional qualifications and provide a basis for further academic qualifications, such as a master's degree.
- (2) Economists with a master's degree should also be able to develop new methods and work scientifically. The master's programme therefore serves to deepen and specialise students' knowledge of the subject. In particular, the master's programme is designed to enable students to lead projects involving the analysis, modelling and solving of academic and economic problems. Furthermore, economists with a master's degree should be able to take on planning, development and research tasks in economic, academic and public institutions or work as research associates at a university. Due to its research focus, the master's programme provides access to doctoral studies.

§ 3 Start of the programme (§ 3 General Framework)

Studies in the bachelor's programme in Management and Economics start in the winter semester. The master's programme in Management and Economics starts in the winter and summer semester.

II. Study organisation

§ 4 Organisation of the bachelor's programme, mobility window (§ 4 General Framework)

- (1) The following compulsory, compulsory elective and complementary modules must be completed in the bachelor's programme:

No.	Area/module	CP
Compulsory area		118 CP
A1	Business Administration	24
1	Fundamentals of business administration	6
2	External accounting	6
3	Internal accounting and investment	6
4	Financing	6

No.	Area/module	CP
A2	Economics	18
5	Fundamentals of economics	6
6	Macroeconomics	6
7	Microeconomics	6
No.	Area/module	CP
A3	Data Science, mathematics & computer science	48
8	Mathematics for management and economics	6
9	Advanced mathematics and statistics for management and economics	9
10	Economic statistics and econometrics	9
11	Project course data science and business analytics	10
12	Databases and information analytics	8
13	Introduction to Computer Science 1 - Fundamentals	6
A4	Legal	6
14	Fundamentals of civil law	6
A5	Internship	10
15	Internship	10
A6	Bachelor's thesis	12
16	Bachelor's thesis	12
B Compulsory elective area		min. 56
B1	From the fields of business administration, economics, data science, mathematics & computer science and law. Of these	min. 48
B1a	Business administration	min. 12
B1b	Economics	min. 12
B2	min. two seminars	min. 4 each
C Complementary area		min. 6
C1	English for Special Purposes (ESP): Management and Economics	3
Total ECTS		min. 180

- (2) Students must complete modules from the designated module catalogues in the elective areas of business administration, economics, data science, mathematics & computer science and law (B1) worth at least 48 CP; of these, modules from the designated module catalogues in the areas of business administration (B1a) and economics (B1b) must be completed at a minimum of 12 CP each, which may be chosen freely. At least 2 modules, each worth 4 CP, must be completed from the area of seminars (B2).
- (3) The mobility window is recommended for the 5th semester.
- (4) In the complementary area, a module from the area "English for Special Purposes (ESP): Economics" worth at least 3 CP must be completed..
- (5) If modules are assigned to several areas, these modules can only be completed in one of the areas. Multiple use of modules at the bachelor's or master's level is not permitted.
- (6) An internship is mandatory in the bachelor's programme. This internship can be done at any private and public institution in Germany and abroad that is suited to provide insight into professional activities related to the student's chosen study programme. It is recommended that the internship be completed during the lecture-free period between the fourth and fifth semesters. Recognition of the internship requires completion of at least eight weeks of internship at an institution that confirms that the internship provides insight into professional practice in the field of business administration

and economics, and students must provide proof of participation in the form of a certificate of attendance. The subject examination board decides on recognition of the internship.

§ 5 Organisation of the master's programme, mobility window (§ 4 General Framework)

(1) The following modules must be completed in the master's programme:

No.	Area/module	CP
A Compulsory area		30
A1	Master's thesis	30
B Compulsory elective area		min. 84
B1	From the areas of business administration & law, economics, mathematics & computer science, digitalisation & data science. Of these	min. 76
B1a	core area business administration & law	min. 18
B1b	Core area economics	min. 12
B1c	Core area digitalisation & data science	min. 12
B1d	Profile area	
B2	Seminars	min. 2 seminars with 4 each
C Complementary area		min. 6
	Total ECTS	min. 120

(2) Students must complete modules totalling at least 76 CP in the elective area of business administration & law, economics, mathematics & computer science, digitalisation & data science (B1); of these at least 18 CP must be completed from the core area of business administration & law (B1a) from the module catalogues provided for this purpose, and at least 12 CP each must be completed from the core areas of economics (B1b) and digitalisation & data science (B1c) from the module catalogues provided for this purpose. The modules still to be completed in order to achieve 76 CP in the elective area of business administration & law, economics, mathematics & computer science, digitalisation & data science (B1) can be freely chosen from areas B1a to B1d. At least 2 modules, each worth 4 CP, must be completed from the area of seminars (B2).

(3) The elective areas or the complementary area are recommended for a mobility window.

(4) § 4 (5) applies accordingly to the master's level.

§ 6 Types of courses (§ 6 General Framework)

Lectures and exercises can be supplemented by tutorials; case studies, project courses and business simulation games can also be included.

§ 7 Examination deadlines (§ 8 (1) and (2) General Framework)

(1) Students who have not completed the compulsory modules 1-14 and the complementary module "English for Special Purposes (ESP): Economics" (C1) modules totalling at least 45 CP by the end of the examination period of the third semester will lose their right to examination, unless the student is not responsible for exceeding the deadline.

(1) Students who have not completed the compulsory modules 1-14 and the complementary module "English for Special Purposes (ESP): Economics" (C1) modules totalling at least 99 CP by the end of the examination period of the sixth semester will lose their right to examination, unless the student is not responsible for exceeding the deadline.

§ 8 Related study programmes (§ 10 (4) General Framework)

Related programmes to Management and Economics are business administration and economics.

III. Exams

§ 9 Theses (§ 18 General Framework)

- (1) The bachelor's thesis corresponds to 12 CP. The time from admission to submission of the bachelor's thesis is three months.
- (2) The master's thesis corresponds to 30 CP. The period from the admission to the submission of the master's thesis is six months.
- (3) The bachelor's thesis and master's thesis may be written in English with the consent of the examiner or the first examiner.
- (4) Master's theses are assessed by one examiner. If the bachelor's or master's thesis is graded "unsatisfactory" (5.0), the work must be assessed by a second examiner.
- (5) The topics for bachelor's and master's theses can be chosen from business administration, economics, computer science, mathematics, a profile area or an interdisciplinary field related to one of the above-mentioned subjects. Before approving topics that do not originate from business administration or economics, the examination board checks whether they are sufficiently relevant to management and economics.

§ 10 Profiles in bachelor's and master's programmes

Modules can be assigned to study profiles; each module can only be assigned to one study profile; a maximum of three profiles can be selected. Upon successful completion of at least 18 CP of the modules assigned to a study profile, students receive proof of this with their final degree documents.

§ 11 Acquisition of additional qualification in accordance with Section 13b of the German Auditor Regulations ("Wirtschaftsprüferordnung")

Students may retake modules that they have passed and that are relevant for the auditor examination in accordance with Section 13b of the German Auditor Regulations ("Wirtschaftsprüferordnung") in the currently valid version, notwithstanding § 25 (1) sentence 2 General Framework, provided that the students wish to acquire the additional qualification in accordance with Section 13b of the German Auditor Regulations. In the event of failure, this module may be repeated once.

§ 12 Advanced Quantitative Methods Track (AQMT) in master's programme

In the master's programme, the faculty council may decide to establish an Advanced Quantitative Methods Track (AQMT) upon recommendation by the study commission. The AQMT will be assigned modules from the compulsory elective area in which students learn, deepen or apply advanced quantitative methods. Upon successful completion of at least 30 CP of the modules assigned to the AQMT, students will receive a certificate to this effect with their degree documents.

VI. FINAL PROVISIONS

§ 13 Effective date

- (1) These study and examination regulations apply with effect from the winter semester 2022/23. They apply to all students who enrol in the bachelor's or master's programmes in Management and Economics in the winter semester 2022/23 or who continue their studies after changing university or degree programme in the winter semester 2022/23. At the same time, the subject-specific study and examination regulations for the bachelor's and master's programmes in Management and Economics at the Faculty of Mathematics and Economics at Ulm University of 7 February 2019, published in the Official Bulletin of Ulm University No. 3, pages 20–29, shall cease to be in force, subject to paragraph 2.

For students who commenced their bachelor's programme in Management and Economics prior to the winter semester 2022/23 or who continued their studies after changing universities or degree programmes, the subject-specific study and examination regulations for the bachelor's and master's degree programmes in Management and Economics at the Faculty of Mathematics and Economics at Ulm University dated 7 February 2019, published in the Official Bulletin of Ulm University No. 3, pages 20–29, will continue to apply on a transitional basis. At the end of the second examination period of the 2026/27 winter semester, the subject-specific study and examination regulations for the bachelor's degree programme in Management and Economics at the Faculty of Mathematics and Economics at Ulm University dated 7 February 2019, published in the Official Bulletin of Ulm University No. 3, pages 20–29, shall cease to be in force. The students referred to in sentence 1 shall then continue their studies at the beginning of the winter semester on 1 October 2027 in accordance with the study and examination regulations pursuant to paragraph 1, sentence 1. The subject examination board shall decide on the recognition of achievements already completed by then.

- (3) For students who commenced their master's programme in Management and Economics prior to the winter semester 2022/23 or who continued their studies after changing universities or degree programmes, the subject-specific study and examination regulations for the bachelor's and master's degree programmes in Management and Economics at the Faculty of Mathematics and Economics at Ulm University dated 7 February 2019, published in the Official Bulletin of Ulm University No. 3, pages 20–29, will continue to apply on a transitional basis. At the end of the second examination period of the 2025/26 winter semester, the subject-specific study and examination regulations for the bachelor's degree programme in Management and Economics at the Faculty of Mathematics and Economics at Ulm University dated 7 February 2019, published in the Official Bulletin of Ulm University No. 3, pages 20–29, shall cease to be in force. The students referred to in sentence 1 shall then continue their studies at the beginning of the summer semester on 1 April 2026 in accordance with the study and examination regulations pursuant to paragraph 1, sentence 1. The subject examination board shall decide on the recognition of achievements already completed by then.
- (4) For students who commenced their bachelor's or master's degree in Management and Economics before the winter semester 2022/23 or who continued their studies after changing universities or degree programmes, and for whom the subject-specific study and examination regulations for the bachelor's and master's programmes in Management and Economics of the Faculty of Mathematics and Economics at Ulm University, published on 7 December 2017 in the Official Bulletin of Ulm University No. 28, pages 410–419, apply, these regulations shall continue to apply on a transitional basis. At the end of the second examination period of the 2026 summer semester, the subject-

specific study and examination regulations for the bachelor's and master's degree programmes in Management and Economics at the Faculty of Mathematics and Economics at Ulm University dated 7 December 2017 shall cease to be in force. The students referred to in sentence 1 shall then continue their studies at the beginning of the winter semester on 1 October 2026 in accordance with the study and examination regulations pursuant to paragraph 1, sentence 1. The subject examination board shall decide on the recognition of achievements already completed by then.

- (5) § 9 (4) of these regulations shall apply to all master's students in accordance with paragraphs 3 and 4 from the 2022/23 winter semester onwards. § 9 (4) sentence 2 of these regulations shall apply to all bachelor's and master's students in accordance with paragraphs 2 to 4 from the 2022/23 winter semester onwards.

The above statutes have been approved. They are hereby executed and are to be published.

Ulm, 6 December 2022

signed

Prof. Dr.- Ing. Michael Weber

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