

**Academic study and examination regulations
for the master programme of the Faculty of Industrial Engineering and
Business M.Sc. Global Foresight and Technology Management
at the Technische Hochschule Ingolstadt from
22/02/2021**

**in the version including the amended articles of association dated 19
February 2024**

Preamble

Based on Art. 9 sentence 1, Art. 80 para. 1 sentence 1, Art. 84 para. 2 and 3 and Art. 90 para. 1 sentence 2 of the Bavarian Higher Education Innovation Act (BayHIG) of 05 August 2022 (GVBl. p. 414, BayRS 2210-1-3-WK), as amended, the Technische Hochschule Ingolstadt issues the following statutes:

Preliminary remark on the use of language

For reasons of readability and clarity, all references to persons and functions are made in the masculine form and apply equally to all genders.

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§ 1

Purpose of the academic study and examination regulations

These academic study and examination regulations serve to complete and supplement the General Examination Regulations of Technische Hochschule Ingolstadt (APO THI) dated 17 July 2023, as amended.

§ 2

Study objective

- (1) ¹The aim of the Global Foresight and Technology Management master programme is to impart technological, economic and sociological knowledge, in particular interdisciplinary knowledge at the interface of technology, economics and sociology. ²On the basis of scientific findings and methods, graduates are prepared for management and expert tasks in internationally active companies and organisations. ³In addition to technical and methodological knowledge, the study course also provides impetus for the development of social skills. ⁴Students are thus able to organise their actions in the context of social processes critically, reflectively and with a sense of responsibility. ⁵It also promotes independent scientific work with a focus on applied research.
- (2) ¹As part of the Global Foresight and Management master programme, students will learn about the important foresight methods, innovation and technology management, forward-looking business models and the opportunities and risks of operational and social transformation processes. ²Knowledge is imparted primarily via digital courses offered in combination with project studies to deepen the learning content. ³Particular attention is paid to the topics of digitalisation, internationalisation, entrepreneurship and sustainability. ⁴The master's programme also offers students the opportunity to go on to do a doctorate or work in research.
- (3) The study course is conducted in English.

§ 3

Qualification for academic study

- (1) ¹Qualification requirements for admission to the Master's programme are:
 - a) proof of successful completion of an academic study programme at a German university with at least 210 ECTS credit points or equivalent in the fields of Engineering Sciences, Engineering and Business, Information Technology, Natural Sciences, Business Administration, Social and Economic Sciences or related fields or an equivalent successful domestic or foreign degree and
 - b) proof of sufficient knowledge of the English language (language level B2 of the Common European Framework of Reference for Languages).

²The requirements set out in sentence 1 a) and b) must be met cumulatively.

- (2) ¹For degrees without credit points, the proven hours (workload) are converted into credit points, whereby one credit point corresponds to 25 hours. ²If no time hours are proven, 30 ECTS are recognised per theoretical study semester. ³Practical study semesters are recognised with a further 30 ECTS if they correspond in type and scope to the practical study semester at Technische Hochschule Ingolstadt.
- (3) ¹Proof in accordance with para. 1 must be provided by the day of Enrollment at the latest. ²If the proof according to para. 1 sentence 1 lit. a) is not provided by the end of the application period, a corresponding confirmation from the university must be provided by then, which credibly confirms the fulfilment of the requirement according to para. 1 sentence 1 lit. a) by the end of the enrolment period; the obligation according to sentence 1 remains in force.
- (4) ¹Applicants who can prove that they have completed a university degree or an equivalent degree for which fewer than 210 but at least 180 ECTS credits have been awarded may be admitted with the approval of the examination board if proof of the missing competences is provided with the application for admission. ²The missing competences according to sentence 1 are proof of compensation of the competence gap of up to 30 ECTS credit points in addition to the qualification requirement to be proven in paragraph 1 sentence 1 lit. a) at least at Bachelor's level. ³The missing competences must be proven by the end of the application period at the latest and can be proven as follows:
- a) By providing proof of practical professional experience outside the academic study programme, which corresponds in terms of content and scope to the internship of a Bachelor's degree programme in Engineering Sciences, Engineering and Business, Computer Science, Natural Sciences, Business Administration, Social Sciences and Economics or another equivalent Bachelor's degree programme, e.g. at the Technische Hochschule Ingolstadt, provided that the degree submitted shows deficits in the area of the practical skills to be proven compared to the qualification requirements according to para. 1 sentence 1 lit. a), or
- b) by providing proof of practical or theoretical academic studies and examinations completed in addition to the first degree at a German or foreign higher education institution, the content and scope of which fulfil the requirements of a Bachelor degree programme in Engineering Sciences, Engineering and Business, Computer Science, natural sciences, business administration, social and economic sciences or another equivalent Bachelor degree programme, e.g. at Ingolstadt University of Applied Sciences, provided that the degree submitted shows deficits in the area of the theoretical or practical competences to be proven compared to the qualification requirement according to para. 1 sentence 1 lit. a).

⁴Para. 2 applies accordingly.

- (5) The examination board decides on the equivalence according to para. 1 sentence 1 lit. a) and para. 4 as well as on the conversion according to para. 2 according to the principles of Art. 86 para. 1 BayHIG.
- (6) If an applicant is not admitted, he or she will be informed in writing, stating the reasons.

§ 4

Type and duration of the study course

- (1) The study course is run as a consecutive degree programme (full-time study).
- (2) ¹The study course comprises a standard period of study of three theoretical semesters with a workload of 90 ECTS. ²The Master's Thesis should also be completed during this standard period of study.
- (3) ¹The university can also offer its courses offered with the support of virtual course types. ²Further details are set out in the module handbook.

§ 5

Credit points

¹Credit points are awarded in accordance with the European Credit Transfer System (ECTS) for examinations passed and degree-related performance assessments per module. ²As a rule, a maximum of 60 credit points are awarded per academic year. ³One credit point corresponds to a study load of 25 hours, which is made up of attendance courses and distance learning phases. ⁴The number of credit points can be found in Annex 1 to these study and examination regulations.

§ 6

Modules and evidence of academic achievement

- (1) The modules, their number of hours, the type of lectures, the examinations, the degree-related performance assessments and further provisions are set out in Annex 1 to these Statutes.
- (2) ¹Lectures and examinations are generally held in English. ²Selected elective modules may be held in German as specified in the module handbook. ³In this case, the examination can also be held in German. ⁴The Master's Thesis can also be written in German.
- (3) All modules are either compulsory or elective modules:
1. Compulsory modules are the modules of the study course that are mandatory for all students.
 2. ¹Elective modules are the modules of the study course that are offered individually or in groups as an alternative. ²Each student must make a specific selection from among them in accordance with these statutes. ³The selected modules are treated as compulsory modules.

(4) There is no entitlement to the Master's programme being offered if the number of qualified students is insufficient. ²There is also no entitlement to all modules being offered in every semester.

(5) ¹Written examinations can be carried out in whole or in part in the form of answer-choice procedures. ²So-called drag-drop tasks can also be created, in which the examiner specifies the starting position of the elements (e.g. text blocks, images) and the respective solution areas in addition to the task text. ³The examinee must decide which of several given solution options for a task are applicable. ⁴The test taker drags and drops the elements from a list to predefined locations (drop zones). ⁵The generic term "answer-choice procedure" includes single-choice tasks, in which only one of several possible solutions is correct, multiple-choice tasks, in which several possible solutions may apply, and drag-drop tasks, in which several possible solutions must be assigned. ⁶There is no further room for manoeuvre. ⁷The examination questions must be geared towards the knowledge and qualifications to be imparted with the module in question and enable reliable examination results. ⁸The examiner is responsible for determining the examination questions and the given answer options (examination tasks) as well as the evaluation of the examination. ⁹It must be recorded in writing which of the possible answers are recognised as correct solutions to the examination questions. ¹⁰No points will be deducted. ¹¹If individual examination questions are incorrect, they must be re-evaluated or not taken into account when determining the examination result. ¹²In the event of non-consideration, the number of examination questions to be used to determine the examination result shall be reduced accordingly and the reduced number shall be used as the basis for the assessment of the examination. ¹³In the case of examinations that are only partially conducted using the answer-choice method, the provisions of this paragraph shall only apply to the part of the examination created using the answer-choice method.

§ 7

Module handbook

(1) ¹To ensure the courses offered and to inform students, the responsible faculty draws up a module handbook detailing the academic study programme. ²The module handbook is adopted by the responsible faculty council and must be publicised at the university. ³The publication of new regulations must take place at the latest at the beginning of the lecture period of the semester in which the regulations are to be applied for the first time.

(2) In particular, the module handbook contains regulations and information on

1. the distribution of weekly semester hours per module and study semester,
2. the catalogue of selectable elective modules with the names of the modules and their number of weekly semester hours,
3. more detailed provisions on course-related performance and participation certificates,
4. the form and organisation of lectures,

5. the course type in the individual modules, insofar as it has not been conclusively defined in Annex 1,
6. the study objectives (learning outcomes) and content of the individual modules,
7. more detailed provisions on the type and scope of the module examinations, insofar as these have not been conclusively defined in Annex 1,
8. more detailed provisions for lectures offered via new media,
9. more detailed provisions on the final colloquium,
10. the language of instruction and examination in the individual modules, insofar as this is not in English.

§ 8

Master's Thesis

- (1) In the Master's Thesis, students should demonstrate their ability to apply the knowledge acquired during degree studies to complex practical tasks in an independent scientific work.
- (2) ¹The topic of the Master's Thesis is issued at the beginning of the second study semester at the earliest. ²The topic of the Master's Thesis can only be issued if at least 30 ECTS credits have been successfully completed.
- (3) The Master's Thesis takes six months to complete.
- (4) In all other respects, the regulations on the issue of the thesis in the APO THI apply.

§ 9

Assessment of performance, overall examination grade

The overall examination grade is calculated by weighting the individual grades in accordance with Annex 1.

§ 10

Master's examination certificate

- (1) ¹A certificate of successful completion of the Master's examination is issued in accordance with the specimen contained in the annex to the APO THI. ²The sample certificate is specified in accordance with these academic study and examination regulations.
- (2) A Diploma Supplement is issued together with the certificate for the passed Master's examination in accordance with the sample contained in the annex to the APO THI.

§ 11 **Academic degree**

- (1) The academic degree "Master of Science", abbreviated to "M.Sc.", is awarded by Technische Hochschule Ingolstadt on successful completion of the Master's examination.
- (2) A certificate is issued for the award of the academic degree in accordance with the sample contained in the annex to the APO THI.

§ 12 **Entry into force**

¹These academic study and examination regulations come into force on 1 October 2021.

²They apply to students who begin their academic studies on this study course from the winter semester 2021/2022.

Issued on the basis of the resolution of the Senate of Technische Hochschule Ingolstadt dated 22 February 2021, the resolution of the University Council dated 2 March 2021 and approved by the President.

Ingolstadt, 10/03/2021

Prof Dr Walter Schober President

The Articles of Association were deposited at Technische Hochschule Ingolstadt on 10 March 2021. The resignation was announced by notice on 10 March 2021. The date of announcement is therefore 10/03/2021.