

**Study and examination regulations
for the Master's programme of the Faculty of Industrial Engineering
and Management M.Sc. Global Foresight and Technology
Management
at Technische Hochschule Ingolstadt from 22.02.2021**

Preamble

On the basis of Art. 13, Para. 1, 58, Para. 1, Sentence 1 and 61, Paras. 2 and 3 of the Bavarian Higher Education Act - BayHSchG - of 23 May 2006 (GVBl p. 245, BayRS 2210-1-1-WFK), as amended, Technische Hochschule Ingolstadt issues the following Statutes:

Preliminary remark on the use of language

In the text, female and male persons are referred to in the masculine form for reasons of readability and clarity. All references to persons always refer to all genders.

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§ 1

Purpose of the study and examination regulations

These study and examination regulations serve to complete and supplement the Framework Examination Regulations for Universities of Applied Sciences (RaPO) of 17 October 2001 (GVBl p. 686, Bay RS 2210-4-1-4-1-WFK) and the General Examination Regulations of the Technical University of In- golstadt (APO THI) of 25.07.2011 in their respective versions.

§ 2

Study objective

- (1) ¹The aim of the Master's degree programme Global Foresight and Technology Management is to impart technological, business and sociological knowledge, in particular interdisciplinary knowledge at the interface of technology, economics and sociology. ²On the basis of scientific knowledge and methods, graduates are prepared for management and expert tasks in internationally operating companies and organisations. ³In addition to technical and methodological knowledge, the degree programme also provides impetus for the development of social skills. ⁴Students are thus able to act critically, reflectively and with a sense of responsibility in the context of social processes. ⁵It also promotes independent scientific work with a focus on applied research.
- (2) ¹Within the framework of the Master's degree programme Global Foresight and Management, students will learn the important foresight methods, innovation and technology management, future-oriented business models as well as opportunities and risks of business and social transformation processes. ²The knowledge transfer takes place primarily via digital teaching offers 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 degree programme also opens up the possibility of a subsequent doctorate or work in research.

§ 3

Qualification for the study

- (1) ¹Qualification requirements for admission to the Master's programme are:
 - a) Proof of successful completion of a degree programme at a German higher education institution with at least 210 ECTS credit points or equivalent in the field of engineering, industrial engineering, informatics, natural sciences, business sciences, social and economic sciences or related fields or an equivalent successful domestic or foreign degree.
 - b) proof of sufficient knowledge of the English language (language level B2 of the Common European Framework of Reference).

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- (2) ¹For degrees that do not have credit points, the documented time hours (workload) are converted into credit points, whereby one credit point corresponds to an hourly load of 25 time hours. ²If no time hours are verified, 30 ECTS are recognised per theoretical study semester. ³Practical semesters are recognised with a further 30 ECTS insofar as they correspond to the type and scope of the practical study semester at Technische Hochschule Ingolstadt.
- (3) ¹The proof according to Paragraph 1 must be provided on the day of enrolment at the latest. ²If the proof according to Paragraph 1 lit. a) Sentence 1 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 Paragraph 1 lit. a) Sentence 1 by the end of the enrolment period; the obligation according to Sentence 1 remains.
- (4) ¹Applicants who have completed a university degree or an equivalent degree for which less than 210 but at least 180 ECTS credits have been awarded may be admitted with the consent of the examination board if the missing competences are proven with the application for admission. ²The missing competences according to sentence 1 are the proof of the compensation of the competence gap to the extent of up to 30 ECTS credit points towards the qualification requirement to be proven in paragraph 1 sentence 1 at at least 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 evidence of practical work experience outside of the degree programme which corresponds in terms of content and scope to the practical semester of a Bachelor's degree programme in Engineering, Industrial Engineering, Computer Science, Natural Sciences, Business Administration, Social and Economic Sciences or an equivalent other Bachelor's degree programme, e.g. at Technische Hochschule Ingolstadt, provided that the degree presented is in the area of the practical work experience, but has deficits in the area of the practical competences compared to the qualification requirement according to Para. 1 Sentence 1, or
 - b) by providing evidence of practical or theoretical study and examination achievements in addition to the first degree at a domestic or foreign higher education institution, which in terms of content and scope meet the requirements of a Bachelor's degree programme in engineering, industrial engineering, information technology, natural sciences, business administration, social sciences and economics or an equivalent other Bachelor's degree programme.
e.g. at the Technische Hochschule Ingolstadt, if the submitted degree 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.
- (5) If an applicant is not admitted, he/she will be informed of this in writing with a statement of reasons.

§ 4

Type and duration of the study programme

- (1) The degree programme is run as a consecutive degree programme (full-time study).
- (2) ¹The programme comprises a standard period of study of three theoretical semesters with a workload of 90 ECTS. ²The Master's thesis is also to be completed within this standard period of study.
- (3) ¹The university can also offer its courses supported by virtual forms of teaching. ²Further details are regulated in the module handbook.

§ 5

Credit points

¹Credit points are awarded according to the European Credit Transfer System (ECTS) for examinations passed and course-related certificates of achievement 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 time hours, which are made up of attendance events and distance learning phases. ⁴The number of credit points results from Appendix 1 to these study and examination regulations.

§ 6

Modules and credits

- (1) The modules, their number of hours, the type of courses, the examinations, the course-related certificates of achievement as well as further provisions are set out in Annex 1 to these Statutes.
- (2) ¹Courses and examinations are generally held in English. ²Selected compulsory elective modules can be held in German as specified in more detail in the module handbook. ³In this case, the examination can also be conducted in German. ⁴The Master's thesis can also be written in German.
- (3) All modules are either compulsory or elective:
 1. Compulsory modules are those modules of the degree programme that are compulsory for all students.
 2. ¹Compulsory elective modules are those modules of the degree programme which are offered as alternatives, either individually or in groups. ²Each student must make a specific selection from among them in accordance with these regulations. ³The chosen modules are treated as compulsory modules.
- (4) ¹There is no entitlement to the Master's degree programme being carried out if there is an insufficient number of qualified students. ²Likewise, there is no claim that all modules will be offered in every semester.

§ 4

Module Handbook

- (1) ¹In order to ensure that the courses are offered and to inform the students, the responsible faculty shall draw up a module handbook from which the course of study is detailed. ²The module handbook shall be adopted by the competent faculty council and shall be made public at the university. ³The announcement of new regulations must be made 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) The module handbook contains, in particular, regulations and information on:
1. the distribution of the semester hours per module and study semester,
 2. the catalogue of elective modules that can be selected with the name of the modules and their number of semester hours per week,
 3. more detailed provisions on the performance and participation certificates accompanying the course of study,
 4. the form and organisation of courses,
 5. the type of course in the individual modules, insofar as it has not been conclusively defined in Annex 1,
 6. the study objectives (learning outcomes) and contents 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 courses 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 their 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 semester at the earliest. ²The issue of the topic of the Master's thesis requires that at least study and examination achievements to the extent of 30 ECTS have been successfully completed.
- (3) The processing time for the Master's thesis is six months.
- (4) In all other respects, the regulations on the issue of the thesis in the General Examination Regulations of Technische Hochschule Ingolstadt shall apply.

§ 9

Assessment of performances, overall examination grade

The formation of the overall examination grade results from the weighting of the individual grades according to Annex 1.

§ 10

Master's examination certificate

- (1) ¹A certificate is issued for the passed Master's examination in accordance with the model contained in the General Examination Regulations of Technische Hochschule Ingolstadt (APO THI) in the respective version. ²The certificate sample is specified according to these study and examination regulations.
- (2) Together with the certificate of the passed Master's examination, a Diploma Supplement is issued according to the model contained in the APO THI.

§ 11

Academic degree

- (1) For the successful completion of the Master's examination, the academic degree "Master of Science", abbreviation: "M.Sc.", is awarded by Technische Hochschule Ingolstadt.
- (2) A certificate is issued on the award of the academic degree in accordance with the model contained in the appendix to the APO THI.

§ 12

Entry into force

¹These study and examination regulations come into force on 01.10.2021. ²They apply to students who begin their studies in this degree programme from the winter semester 2021/2022.

Issued on the basis of the resolution of the Senate of Technische Hochschule Ingolstadt of 22.02.2021, the resolution of the University Council of 02.03.2021 and approved by the President.

Ingolstadt, 10.03.2021

Prof. Dr. Walter Schober
President

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10.03.2021. The deposit was announced by posting on 10.03.2021. The date of announcement is therefore 10.03.2021.