

Study and examination regulations – Technical Management

April 29th, 2019

- valid from summer semester 2020 -

This English-language translation is provided for information purposes only. The original German version, published in TH Wildau Official Communications No. 14/2019, is binding.

§ 1 Aims of the degree programme

(1) The Technical Management Master's degree programme provides graduates with the necessary skills for working in commercial, transport and logistics service companies, as well as in the technical administration field of production management, production logistics, other internal logistics, supply chain management, transport logistics, transport planning and management as well as associated roles.

(2) The degree programme has a more technical emphasis. It also contains courses on business administration and information systems and gives graduates an integrative and responsible understanding of tasks in technically oriented management roles as well as the interface between engineering sciences and business administration.

(3) Graduates will be able to confidently recognise complex issues in the specified fields and analyse them using scientific methods to find targeted and effective solutions. They will be further able to take on responsibility for management tasks. Immediately after graduating or after gaining a small amount of initial work experience, graduates will be able to take on leadership, results and HR responsibilities.

§ 2 Programme schedule

The administrative framework of the TH Wildau in its current form applies to the general programme schedule. This framework can be accessed from the TH Wildau homepage under Official Notices.

§ 3 Cooperations of the study programme

not applicable

§ 4 Type und mode of study

(1) This is an on site programme.

(2) The degree programme is offered as a full time programme of study.

§ 5 Standard duration of studies and initial enrolment

- (1) The standard duration of the degree programme is 3 semesters.
- (2) Initial enrolment takes place once per year for the summer semester.
- (3) The distribution of modules throughout the duration of the degree programme can be found in the study plan (<https://en.th-wildau.de/tmm>).

§ 6 Admission requirements and admission criteria

- (1) A vocational first degree comprising at least 210 credit points (CP).
- (2) In specially justified individual cases, applicants who meet less than 210 CP as admission requirements but the subject-specific admission requirements in accordance with (5) may complete a certificate module totalling 30 CP based on § 4 Para. 7 Sentence 7 of the Higher Education Examination Ordinance of 04 March 2015 (GVBl. Land Brandenburg Part II, No. 12 of 10 March 2015). The certificate module comprises a project of 15 CP to be defined by the course spokesperson and evaluated by a university lecturer, as well as three binding, supporting courses of 5 CP each. The project must be concretely definable and have a task definition from the field of technical management. The result of the project is presented in a written project documentation of approx. 30 pages. The project documentation is assessed as an examination performance for the certificate module undifferentiated with "with success" / "without success". Evaluation criteria for the project documentation are the quality of the content, consistency of the structure and argumentation, the technical documentation, a reflection of the project results and experiences as well as conclusions from the project. Courses offered are "Modellierung und Simulation", "Verkehrslogistik" and "Spezifikation technischer Systeme". The successful participation in the examinations in these courses will be assessed as an examination achievement for the certificate module undifferentiated with "with success" / "without success". The total of 30 CP from the certificate module must be proven by the beginning of the Master's programme.
- (3) Applicants according to (2) may, upon application, be provisionally enrolled in the study programme for the processing phase of the certificate module.
- (4) Applicants must demonstrate good knowledge of English. In order to prove their knowledge of English, applicants must:
 - (a) have an appropriate level of linguistic proficiency at least equivalent to C1 of the Common European Framework of Reference for Languages (CEFR).

Recognised evidence is:

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a) The following examination and certificates are recognised:

- LCCI English for Business: Level 3 – Credit or Distinction
- LCCI English for Commerce: Level 3 – Credit or Distinction
- LCCI English for Business: Level 4 Pass – Credit or Distinction
- IELTS Academic: 7.0
- Cambridge English, Advanced Certificate (CAE): Pass
- Cambridge English, Certificate of Proficiency (CPE): Pass
- Cambridge English, Business Higher Certificate (BEC Higher): Pass
- TOEFL (iBT): 95
- UNiCert® III
- TOEIC minimum scores must be achieved in all four skills: Reading 455, Listening 490, Speaking 180, Writing 180

b) or a Bachelor's programme (qualifying for admission to this Master's programme) completed 100% in English,

c) or a Bachelor's programme (qualifying this Master's programme) with admission requirements in English language skills by minimum B2 level (according to the common European reference framework for languages (GER)) and with a module volume of at least 40 Credit Points in English.

(5) It is a requirement of entry that the applicant's first degree is from a closely related specialist field (e.g. logistics in production, passenger or freight transportation systems logistics; plant and production planning; quality management; transportation and warehousing; transport planning).

The related areas of study include for the Logistics, Industrial Engineering and Transportation System Technology Bachelor's degree programmes at TH Wildau. Graduates from other degree programmes must demonstrate that the contents of their course is comparable to these degree programmes. Comparable degree programmes are considered to be those which adequately demonstrate having suitably covered at least five of the following modules:

- Production systems/production technology
- Production planning and control/production logistics
- Plant planning
- Foundations of quality management
- Foundations of logistics/supply chain management
- Material flow technology/material flow planning
- Transportation and warehousing
- Intermodal transport chains
- Transport systems/transport technology/transport planning/transport infrastructure

- Logistics systems for passenger and freight transport
- Foundations of business administration/accounting/controlling

In case of doubt, the degree programme director decides.

(6) In accordance with the regulations of TH Wildau for the selection of students in study programmes with restricted admission, a letter of motivation in English is required as a further admission criterion - insofar as this study programme is restricted admission - in which the applicant sets out his/her motivation for or identification with the selected study programme on at least two and at most three pages. The letter of motivation must be submitted in due time together with the other application documents.

§ 7 Specific programme schedule

(1) The degree programme has a modular structure. Upon completion, graduates will be awarded a total of 90 Credit Points (CP) according to the European Credit Transfer System (ECTS).

(2) Semesters 1 and 2 each have a teaching period of 15 weeks, followed by an examination period of 2 weeks. The third semester is used for writing the Master's thesis.

(3) In the second semester, students select one of three areas of specialisation. Each area of specialisation consists of six modules. Some modules are offered for two different areas of specialisation (cf. study plan). The degree programme director will inform students towards the end of the previous semester about the options available and allow students to make their choices.

(4) The modules listed in the study plan indicate the minimum scope of modules that must be completed for successful graduation from the degree programme. The location of the module as well as the number, type and time of the examinations can be found in the study plan.

(5) When necessary, the sequence defined in the study plan and the type of teaching may be amended by resolution of the Faculty Board. Fundamental changes to the study plan require a resolution by the Faculty Board and publication in the Official Notices of the TH Wildau by the President of the university.

(6) The language of instruction is English.

(7) Students have access to the current version of the module handbook under the degree programme documentation found on the webpages of the TH Wildau. Module descriptions are binding.

(8) Written examinations that consist of solely, or mostly, multiple choice questions are not permitted.

§ 8 Practical phases

The degree programme contains no practical phases.

§ 9 Thesis

(1) The topic for the Master's thesis must be put before the faculty Examinations Board in accordance with their published regulations.

(2) The Master's thesis carries a total of 24 ECTS points, corresponding to 22 weeks of processing time.

§ 10 Final examination

(1) To be awarded the Master's degree, students must successfully complete all required modules as indicated in the study plan, successfully submit a Master's thesis as well as pass an oral examination on their thesis.

(2) The oral examination on the thesis must take place immediately after both assessors have submitted their reports on the written thesis. The oral examination takes place before an examination commission made up of both assessors who reviewed the written thesis. Any changes to this must be requested via the Examinations Board. The examination, including preparation, comprises 6 CP and is differentially evaluated.

(3) The oral examination on the thesis is public within the university. If the thesis is marked for non-disclosure, participation in the examination can be restricted by the examination commission.

(4) The first assessor (university supervisor) chairs the examination commission and is responsible for organising the examination.

(5) Oral examinations are generally single examinations. If the Master's thesis has been produced as a group, then the oral examination may also be conducted as a group examination. The contribution made by each individual in the group must be clearly defined and individually assessable.

(6) Minutes of the oral examination must be kept. The examination minutes must record all key questions asked and the answers given, as well as the overall assessment. These are kept by the chairperson of the examination commission and signed by all members of the examination commission. The candidate must be informed of the results of the examination immediately after completion of the examination and the Department of Student Affairs must be informed.

§ 11 Academic degree

If the candidate successfully passes the Master's examination, and therefore the degree programme, they will be awarded the academic degree of Master of Engineering (M.Eng.).