

# **Course regulations**

**the Hochschule für Telekommunikation Leipzig**

**Fakultät Informations- und Kommunikationstechnik**

**on the**

**master program**

**Information and communication technology**

by the

10.07.2012

(valid from 01.09.2014)

Based on § 34, passage 1 of the Sächsisches Hochschulfreiheitsgesetz - SächsHG (Law on autonomy in the university system) of the Free State of Saxony in the version of the Notice as of 15th January 2013 (SächsGVBl. p. 3), Hochschule für Telekommunikation Leipzig (in the following HfTL) enacts the following examination regulations as a statute.

### **§ 1 area of application**

- (1) This course regulation set out, taking the examination regulations into account, objective, content, structure and schedule of the master's program in information and communication technology of the HfTL.
- (2) The course of studies is assigned in the study schedule. It has the character of a recommendation in this respect, as the master's degree can be achieved in its compliance within the standard period of study. The study schedule is defined by the module descriptions and the examination plan for this degree.
- (3) This master's degree requires the payment of tuition fees.

### **§ 2 purpose of study**

- (1) Aim of the study is to be awarded with the academic degree

#### **Master of Engineering (M.Eng.)**

- (2) The master degree program in information and communication technology in terms of content builds on the 'Bachelor Informations- und Kommunikationstechnik' and 'Bachelor Kommunikations und Medieninformatik' of the HfTL or relevant courses from other universities and serves the continuation and deepening of the knowledge attained in these courses and skills.
- (3) The master's program in information and communication technology addresses education for specialists and managers in the fields of communications engineering and information and telecommunications technology, to be able to develop and make decisions in professional practice with the mastery of professional enabling key skills and competences on the basis of the latest scientific knowledge problem solution concepts for new or further development of complex telecommunications systems. A further expression of professional field-related skills is possible by choosing a profiling.
- (4) In addition to subject-related knowledge the master's program also addresses the further development of the skills in project-oriented methods, which are the prerequisite for a successful and targeted action in profession. The ethical responsibility of an engineer in the modern industrial society is being developed by teaching basic economic and legal skills.

### **Section 3 beginning, duration and outline of the study**

- (1) The Program starts as a rule in the winter semester. The study schedule is published by the examination board of the HfTL and allows the completion of his studies in the regular study period
- (2) The standard period of study is four performance semesters for full time students and five performance semesters for part-time students with a fifth performance semester of eight months.
- (3) The program is modular and structured by the schedule of the performance semesters. Modules refer to a composite timely and professionally coordinated learning. A module may consist of sub-modules. Sub-Modules in turn differentiate learning subjects within a module. The credits (ECTS-credits) assigned to a module are awarded, if the study specified in the module description, inspection and exams have been provided for the corresponding module.

- (4) The curriculum will be divided into individual compulsory and elective modules. The modules are listed in the course schedule and described with the necessary working time. The module description includes information on content, request, temporal extent of the modules and the rendered study, testing before and examination. Compulsory modules are compulsory for all students of the program. These modules are constitutive elements of the course. Elective modules are to select a predefined number from a predetermined list. It involves elements that give the program a specific occupational profile.
- (5) A semester of service is considered completed, if the academic achievements of the modules of a performance semester are provided.
- (6) The successful completion of the course requires to grade in at least 120 credits according to the European credit transfer accumulation system (ECTS). One credit corresponds to the workload of 25 hours an average student has to spend. The workload includes
- a) participation in presence courses at the HfTL
  - b) participation in the presence courses with the use of components of the E-learning,
  - c) the pre-and post-processing of presence periods of study,
  - d) self study and
  - e) examinations and test preparation.
- (7) The study ends with dropping the master examination in accordance with the examination regulations of this course.

#### **§ 4 studies**

- (1) The master degree is divided into presence study at the University, study of presence to the use of components of the E-learning and self-study. Teaching Forms individual modules are listed in the module descriptions.

Forms of instruction are:

Lecture: The objectives of the module is presented with contiguous representation in the lecture. Within the lecture, interactive teaching and learning arrangements are possible.

Exercise: The exercises are designed to the deepening and application of learning. To the mediation of engineering methodology, exemplary tasks be solved normally.

Laboratory: laboratory students deepen the theoretical knowledge through experimental investigations independently under the guidance of a professor.

Teletutorial: A Teletutorial is used to presented teaching objectives using components of E-Learning and thus present the objectives coherently. Teletutorials allow interactive teaching and learning arrangements.

- (2) Master's thesis concludes the study proving the ability to edit a specific problem using scientific methods within a prescribed period.

- (3) The study in presence controls learning progress and is designed to complement and deepen the knowledge acquired through self-study. The students are in technically mediated or direct contact with the teacher within this presence.
- (4) Students are allowed to supplement his/her studies modules in the sense of additional modules in addition to the prescribed study schedule to extend their education, as well as to the deepening of knowledge about the.

#### **§ 5 Advisory**

- (1) The general academic advisory is carried out by the examination board. It includes in particular questions of the study opportunities, registration, exmatriculation, leave of absence, as well as more organizational issues and general student affairs.
- (2) Course-related technical advice is done by the professors, as well as by the professors responsible for the advisory.
- (3) Students who clearly have difficulties or significant delays in the provision of their study and examination achievements, must take part in an advisory.

#### **Article 6 entry into force and transitional provisions**

- (1) The regulations enter into force on the day after the publication at the HfTL. It applies to students who begin their studies from the 01.09.2014.
- (2) Made in consultation with the sponsor HfTL Trägergesellschaft GmbH, as well as after the hearing in the Senate of the HfTL from the 13.01.2015 and the approval of the Rectorate of the HfTL from the 15.01.2015.

Leipzig, the 15.01.2015

Rector of ‚Hochschule für Telekommunikation Leipzig‘  
Prof. Dr.-ing. Habil. Volker Saupe

Annex: study schedule