Examination Regulations for the Consecutive Master Course in Electrical Communication Engineering at Electrical Engineering/Computer Science Department of the University of Kassel dated March 1, 2013

Annex

Modulus Handbook

Important legal notice: This is not an authorized translation. In case of any litigation it is only and exclusively the German version that is legally binding.

I. Common Provisions

§ 1 Scope

The exam regulations of the Faculty of Electrical Engineering/Computer Science for the consecutive English Master's Course of Study in Electrical Communication Engineering supplement the general provisions of exam regulations for the courses of study with completed Bachelor's degree and Master (AB Bachelor/Master) of the University of Kassel within the respective valid version.

§ 2 Academic Degree

The Master's course of study in Electrical Communication Engineering is research-oriented. On the basis of passing the Master's Examination the Faculty of Electrical Engineering/Computer Science awards the academic degree 'Master of Science' (M.Sc.).

§ 3 Standard Duration of Studies, Extent of the Course

(1) The Master's course of study can be taken up in summer - and in winter term
(2) The standard duration of studies for the Master's course is three semesters including the Master's colloquium.
(3) In Master's studies 90 Credits are acquired, out of which 30 credits account for the Master's thesis including the Master's colloquium.

§ 4 Board of Examiners

The Board of Examiners is authoritative for the decision of exam related issues.
The Board of Examiners comprises of

- three professors,
- a scientific assistant,
- a student of the Master's course in Electrical Communication Engineering.

II. Master's Degree

§ 5 Admission Prerequisites to the Master's Course

(1) Eligible for the Master's studies is who

a) has passed the Bachelor's exam or the Diplom I-course of studies in Electrical Engineering at Kassel University
b) has acquired an equivalent qualified degree in the subject area Electrical Engineering at a different University or University of Applied Sciences with a regular period of study of at least 7 semesters and has accomplished 210 Credits (usually fulfilled in the case of a B.Sc. degree in Electrical Engineering) and
c) can prove a minimal overall mark "Gut" and fulfils the requirements according to article 2.

(2) The qualified profile of the degree according to article 1 (b) must meet the demands of the Master's Course of studies Electrical Communication Engineering. Proof of compliance with the requirements is to be confirmed in writing and is to be submitted with the application documents.
(3) The existence of the prerequisites according to article 2 is usually proven on the basis of an internet-based screening as well as on the application documents justified in writing. In cases of doubt an additional selection interview with a duration of 30 minutes is feasible. For the selection interviews the Board of Examiners authorizes two professors.
(4) Furthermore, evidence of sufficient knowledge of the English language must be presented. In principle

this evidence is granted for applicants, if

a) English is native language
b) Previous studies were completely conducted in English or
c) Test of English as a Foreign Language (TOEFL) has been produced with a minimum result of 550 points (paper based) or 220 points (computer based) or 76 points (internet-based) or
d) IELTs Test was produced within 6.5-band
e) A comparable test procedure determined by the Board of Examiners was fulfilled with comparable minimal result.

(5) If the applicant does not fulfil all prerequisites for admission to the Master's course of studies, the Board of Examiners may take provisions for an admission under the condition of producing the missing skills by passing modules to the extent of a maximum of 30 credits from the following list:

Title of Module	Credits
Digital Communications Q1a	6
Microwaves Q1a	6
Mobile Internet Q1a	6
Optoelectronics Q1a	6
Software Components for Communication Systems Q1b	6

(6) In well-founded exceptional cases the Board of Examiners may take adjudications deviant from section 1 b) and 2.

§ 6 Examination Components of Master's Degree

The Master's Degree comprises the following examination components:

1) Study-accompanying examinations to the extent of 48 credits from the list of the following modules:

Title of Module	Credits
Digital Communications R1a	12
Digital Communications R2a	6
Digital Communications R3a	12
Digital Communications R4a	6
Electromagnetics R1a	12
Electromagnetics R2a	12
Electromagnetics R3a	6
Microwaves R1a	6
Microwaves R2a	6
Microwaves R3a	6
Microwaves R4a	6
Mobile Internet R1a	6
Mobile Internet R2a	6
Optoelectronics R1a	6
Optoelectronics R2a	12
Software Components for Communication Systems R1a	12
Software Components for Communication Systems R2a	12
Software Components for Communication Systems R3b	6
Hardware Components for Communication Systems R1a	6
Hardware Components for Communication Systems R2a	6
Hardware Components for Communication Systems R3a	12
Hardware Components for Communication Systems R4a	12

2) A project-work to the extent of 6 credits from the list of the following modules:

Title of Module	Credits
Digital Communications P1a	6
Electromagnetics P1a	6
Microwaves P1a	6
Mobile Internet P1a	6
Optoelectronics P1a	6

3) Study-accompanying examinations to the extent of 6 credits for the module Social communication NT1a; if the student can produce the contents of this module already when taking up studies, additional study-accompanying examinations to the extent of 6 credits from the list of modules stipulated in (1)

4) The Master's thesis acc. to §7 to the extent of 30 credits from the list of the following modules:

Title of Module	Credits
Digital Communications T1a	30
Electromagnetics T1a	30
Microwaves T1a	30
Mobile Internet T1a	30
Optoelectronics T1a	30

§ 7 Master's Thesis with Colloquium

(1) The topic of the Master's thesis can be issued first if the performance of the examinations modules acc. to 3) has been produced completely as well as the performance of the examination modules acc. to 1) and 2) has been produced to the extent of 48 credits.

(2) The duration of the Master's thesis from the initiation of the theme to submission is six months. The topic must be obtained such that it can be worked out within the scheduled period.

(3) If the submission date cannot be kept for reasons that the candidate does not have to represent, the Board of Examiners extends the working period once for the extent of a maximum of three months, if the candidate applies before the first submission date and the supervisor agrees.

(4) The Master's thesis is to be submitted within the prescribed period in two printed stapled copies and one electronic version to the Board of Examiners.

(5) The Master's thesis is to be presented in an oral public presentation of a duration of a maximum of 60 minutes.

§ 8 Marking of Modules and Overall Mark

(1) The overall mark of a module is calculated as arithmetical average of marks weighted from the credits of marks of courses included in the module. Each course included must have produced not less than a "sufficient" performance.

(2) The overall grade of the Master's examination is calculated as credits-weighted arithmetic average from the marks of the modular examinations acc. to § 6.

III. Final Clause

§ 9 Temporary Provision

These examination regulations shall apply for all students, who take up their studies first in the Master course Electrical Communication Engineering at the University of Kassel in the semester of the coming into effect. Students, who took up studies before the present examination regulations entered into force shall be examined according to the valid version for a transitional period of four years. Upon application they will be examined according to the present examination regulations.

§ 10 Coming into Effect

These examination regulations become effective on the day of announcement in the bulletin of the University of Kassel.

Done at Kassel on March 1, 2013
Dean of the Electrical Engineering/Computer Science Department
Prof. Dr. sc. techn. Dirk Dahlhaus

Enclosure: Modulus Handbook