Official Notices

Hamm-Lippstadt University of Applied Sciences

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New regulations and amendments to existing regulations are published in the Official Notices of Hamm-Lippstadt University of Applied Sciences before they are enacted. Original, German-language documents published in the Official Notices are considered legally binding.

Legal Notice

of Hamm-Lippstadt University of Applied Sciences – Official Notices

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Study-program Examination Regulations (Program-Specific Provisions) for the Bachelor's Study Program "Electronic Engineering" at Hamm-Lippstadt University of Applied Sciences dated December 1, 2017

Based on Section 2(4) and Section 64(1) of the Act on the Higher Education Institutions of the State of North Rhine-Westphalia (Higher Education Act – HG) dated September 16, 2014 (GV. NW p. 547) as well as on Section 26(6) HG, Hamm-Lippstadt University of Applied Sciences has issued the following Examination Regulations. These regulations only apply in conjunction with the General Examination Regulations for the Bachelor's study programs at Hamm-Lippstadt University of Applied Sciences.

Section 1 Objective of the Degree Program

The objective of the Bachelor's program in Electronic Engineering is to teach students the required technical knowledge, skills and methods — as well as key qualifications necessary for the fields of electronics, computer science and prototyping — taking into account the requirements and changes posed by the professional world. The study program strives to enable Electronic Engineering students to work and communicate scientifically, appraise scientific facts critically and act responsibly. A good command of the English language builds the foundation for the student's progress over the course of their studies where they need to continually advance and expand their knowledge of specialized terminology and is therefore a prerequisite for handling the curriculum. The Bachelor's examination completes the professional qualification in the Bachelor's study program at Hamm-Lippstadt University of Applied Sciences.

Section 2 Admission Requirements

Proof of adequate knowledge of the English language at level B2 of the Common European Framework of Reference (CEFR) is a requirement for admission by furnishing the appropriate certificate. Proof shall be provided by one of the following successfully passed equivalent tests:

- IELTS: At least 6.0
- TOEFL (Internet-based test): At least 80
- TOEFL (paper-based test): At least 550
- TOEFL (computer-based test): At least 213

Where the school-leaving certificate or university-entrance qualification contains a corresponding note stating the applicant's level of acquired English proficiency in accordance with CEFR, presentation of the aforementioned certificates is not required.

Section 3 Academic Degree

Once all examinations required within the scope of the Bachelor's studies have been passed, Hamm-Lippstadt University of Applied Sciences confers the academic degree of Bachelor of Engineering (B. Eng.) within the Electronic Engineering degree program. The corresponding degree certificate shall be issued.

Section 4 Standard Study Period, Scope of Modules to be Passed

The standard study period is seven semesters. The average study volume comprises 30 credit points per semester of the standard study period. A total of 210 credit points are assigned to the entire curricular workload, including attendance times, internships, preparation, follow-up work and Bachelor's thesis. Thereof, 190 credit points are earned in the mandatory module and 20 credit points in the mandatory elective module. Besides 140 credits for the compulsory modules, the compulsory subject also requires 30 credit points for an exchange or internship semester, 8 credit points for the term paper and 12 credit points for the Bachelor's thesis. Sections 5 and 6 specify the study plan with the individual tasks within the modules and the credits to be earned.
Admission to studies can begin in winter semester.

Section 5 Bachelor's Examination

Overall, the Bachelor's examination consists of the final examinations in the individual modules of each semester and the Bachelor's thesis.

The compulsory modules with their assigned credits (ECTS) in full-time studies:

a.	Electronic Engineering 1	5 credit points
b.	Engineering Mathematics 1	5 credit points
c.	Computer Science 1	5 credit points
d.	Physical Foundations	5 credit points
e.	Industrial Design	5 credit points
f.	Scientific Work	5 credit points
g.	Electronic Engineering 2	5 credit points
h.	Engineering Mathematics 2	5 credit points
i.	Computer Science 2	10 credit points
j.	Engineering Design	5 credit points
k.	Audio and Video Technologies	5 credit points
l.	Electronic Engineering 3	5 credit points
m.	Engineering Mathematics 3	5 credit points
n.	Microcontroller	10 credit points
o.	Interactive Systems Design 1	5 credit points
p.	Audio and Video Processing	5 credit points
q.	Control Engineering	10 credit points
r.	Prototyping and Systems Engineering	10 credit points
s.	Interactive Systems Design 2	5 credit points
t.	Business Communication	5 credit points
u.	Internship/Exchange Semester	30 credit points
v.	Hardware Engineering	10 credit points
w.	Advanced Embedded Systems	10 credit points
x.	Project Work	8 credit points

The scope of the "Special Emphasis" mandatory elective module covers two modules with a total of 20 credits and the Special Emphasis items listed below:

1) Special Emphasis A (10 credit points)
   a. Autonomous Systems A
   b. Embedded Electronic Engineering A
2) Special Emphasis B (10 credit points)
   a. Autonomous Systems B
   b. Embedded Electronic Engineering B

Special Emphasis items a) and b) in the "Special Emphasis" mandatory elective module can be selected randomly and combined together.

The Bachelor's thesis is worth a total of 12 credits.

Section 6 Study Plan

The following study plan applies:

Electronic Engineering (ELE)
Degree: Bachelor of Engineering
Study Plan | Study Progress

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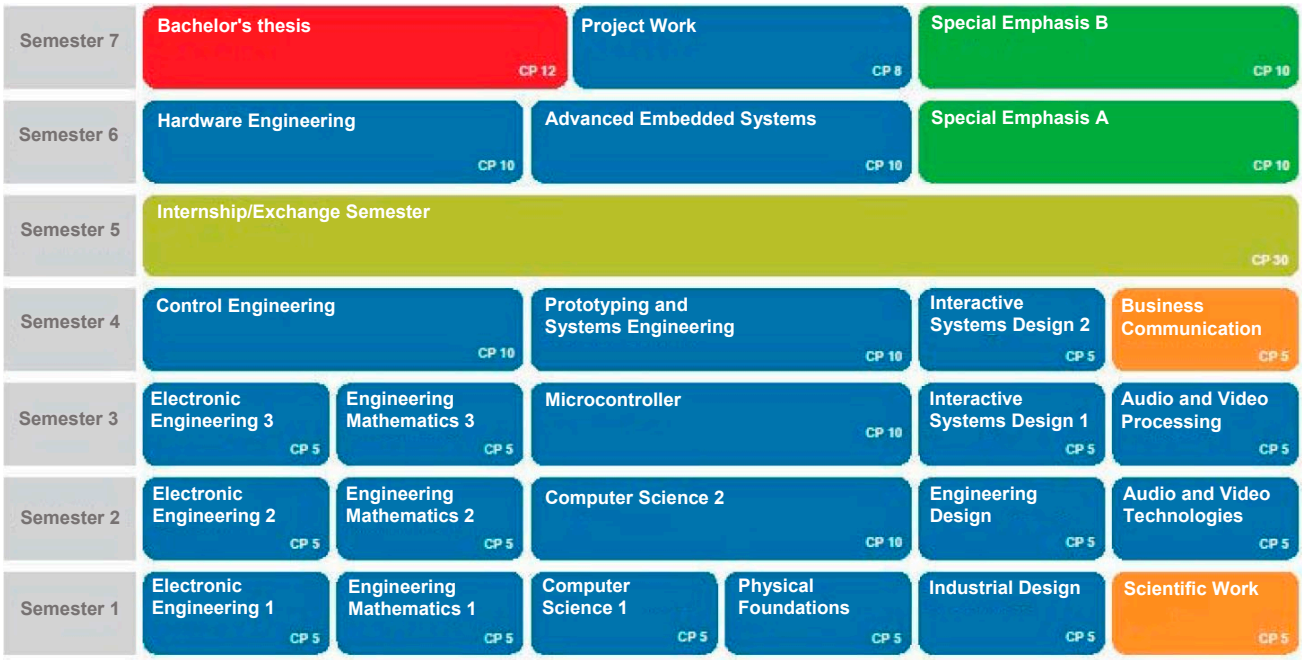

Hamm-Lippstadt University of Applied Sciences | mfo@hshl.de | www.hshl.de

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Section 7 Entry into Force

These Study-Program Examination Regulations for the Bachelor's study program in Electronic Engineering enter into force on the day after their publication. They apply to all students enrolled in the aforementioned Bachelor's study program from winter semester 2018/19 onwards.

Issued based on the resolution of the Department Council of Lippstadt Department 2 dated December 1, 2017.

Hamm, June 8, 2018

Signed Prof. Dr. Klaus Zeppenfeld
President of Hamm-Lippstadt University of Applied Sciences