

Study and examination achievements required from students of foreign partner universities (incoming) in the Double Degree Program "Communication and Embedded Systems" (Master's program in Electrical and Information Technology) at Anhalt University of Applied Sciences

The study plan specifies the volume and allocation of modules to the individual academic semesters of the standard period of study, as well as their crediting. Components of the Master's examination include: compulsory and elective module examinations, the internship, the Master's thesis, and the Master's colloquium. Examination prerequisites are the preliminary services according to this document.

	Weekly semester hours					Examination prerequisite	Examination type	Duration of the examination	Credits
	15 Weeks			15 Weeks					
	V	Ü	P	Ü	P				
Module name german/english									
1st and 2nd Academic Semesters									
This semesters are completed by the students at the respective partner university									
Total 2nd Academic Semester									30

3rd Academic Semester									
Pflichtmodule/Compulsory modules									
Echtzeitsysteme/ Real-Time Systems		3	1			1 PVL	K	120 min	5
Hardware / Software Co-Design/ Hardware / Software Co-Design		2	2			1 LNW	M	20 min	5
Kanalcodierung/ Channel Coding		2	2			1 LNW	M	20 min	5
Statistische Methoden der Nachrichtentechnik/ Statistical Methods in Communications		2	2			1 LNW	M	20 min	5
Mobile Kommunikation/ Mobile Communications		3	1			1 LNW	K	120 min	5

Wahlpflichtmodule/Compulsory elective modules (1 must be chosen)									
Systemprogrammierung/ System Programming		3	1			1 PVL	K	120 min	5
Mikrosystemtechnik/ Microsystems Technology	2		1			1LNW	K	120 min	5
Projektarbeit "Advanced Networking Administration"/ Individual Project Work „Advanced Networking Administration“			4			-	B	-	5
Total 3rd Academic Semester									30

4th Academic Semester									
Pflichtmodule/Compulsory modules									
Masterarbeit/Master Thesis							H		25
Kolloquium/Colloquium							P/C	20 min	5
The Master's thesis and the colloquium are generally completed under the joint supervision of a lecturer from Anhalt University of Applied Sciences and the respective partner university.									
Total 4th Academic Semester									30

Total degree programme									90
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- Module completion:
- K Written Exam
 - M Oral Examination
 - PRO Project
 - H Homework Assignment
 - E/B Documentation
 - R Presentation
 - Ex Experimental Work
 - P Presentation
 - C Colloquium
 - oP Completion of the module without examination/grade
- Examination prerequisite:
- LNW Proof of Performance
 - TN 80 Proof of Participation 80 %

Acceptation of examination and study achievements of students of the AUPET enrolled in the program:

Radio Engineering, Electronics and Telecommunications

Modules, of which 30 CP must be completed	Credits
Algorithms and architectures for digital computing	5
The theory of machine learning	5
Digital signal processing technologies in telecommunication systems	5
Digital signal processing technologies in radio electronic systems	5
Scientific and technical problems of radio engineering, electronics and telecommunications	5
Modern methods of measurement in telecommunications	5
Modern methods of measurement in radio electronics	5
Mathematical processing of measurement results in telecommunication systems	5
Mathematical processing of measurement results in radio electronic systems	5
The convergence of telecommunications services	5
Networks and services Internet of Things and M2M	5
Theory and practice of innovation in telecommunications	3
Theory and practice of innovation in radio engineering	3
Total	

Recommended study plan for Master DD Program Students of the AUPET

1. Semester (winter semester)	2. Semester (summer semester)	3. Semester (winter semester)	4. Semester (summer semester)
Study at AUPET 01.09. – 31.01.	Study at AUPET 01.02. – 29.06/30.09.	Study at HSA 01.10. – 15.02.	Study at AUPET or at HSA 16.02. – 29.06/30.09.

Conversion rule of the module grades acquired at the AUPET and at HSA

Grades AUPET	Grades HSA
0-49	5,0
50-54	4,0
55-59	3,7
60-64	3,3
65-69	3,0
70-74	2,7
75-79	2,3
80-84	2,0
85-89	1,7
90-94	1,3
95-100	1,0