

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.

Module name german/english	Weekly semester hours					Examination prerequisite	Examination type	Duration of the examination	Credits
	15 Weeks			15 Weeks					
	V	Ü	P	Ü	P				
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 KPI enrolled in the program:

Telecommunication systems and networks

Compulsory modules	Credits
Applied information theory for telecommunications	7,5
Design of next generation telecommunication networks	5
Next generation telecommunication networks	5,5
Management of telecommunication networks	3
<i>Educational component I</i>	
<i>Educational component II</i>	
<i>Educational component III</i>	
Total	21
Compulsory elective modules (Educational components)	
<i>Educational component I</i>	5
Software management of telecommunication means and systems based on Linux OS	
Automation of telecommunication processes and services based on Linux OS	
Protection of information and telecommunication networks with Linux OS	
<i>Educational component II</i>	3
Organization of cybersecurity in communication networks	
Organizational and technical construction of cybersecurity	
Ensuring cybersecurity in organizations and enterprises	
<i>Educational component III</i>	6,5
Fundamentals of the theory of time synchronization and time distribution networks	
Network synchronization	
Time and frequency distribution networks	
Total amount of credits	35,5

Recommended study plan for Master DD Program Students of the KPI

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

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

Grades KPI	Grades HSA
0-59	5,0
60-61	4,0
62-64	3,7
65-67	3,3
68-70	3,0
71-73	2,7
74-79	2,3
80-84	2,0
85-89	1,7
90-95	1,3
96-100	1,0