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**

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 Perfomance
	TN 80	Proof of Participation 80 %

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

Information and communication technologies

Compulsory modules	Credits
Infocommunication management platforms	5
Mathematical methods of analysis and design of telecommunication systems and networks	6
Intelligent data processing	5
System design of telecommunication networks	6
Educational component I	
Educational component II	
Educational component III	
Total	**22**
Compulsory elective modules (*Educational components*)	
Educational component I	5
Noise-tolerant coding in information and communication networks	
Methods of multimedia information encoding	
Principles of information transmission in info-communication networks	
Educational component II	5
System analysis	
Decision-making theory	
Expert analysis of the complex situations	
Educational component III	4
Hardware programming	
Low-level programming of embedded systems based on microcontrollers and microprocessors	
Applied programming in "C" and "C ++" languages	
Total amount of credits	**36**

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