

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				

1st 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 1st Academic Semester									30

2nd 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 2nd Academic Semester									30

Total degree programme									60
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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 SCMUS enrolled in the program:

Dedicated Embedded Communication Systems

Compulsory modules	Credits
Operating Systems	6
Advanced Processor Architectures	6
WAN networks and distributed systems (alternative Name des Moduls: "Distributed Systems")	6
Cluster Systems (alternative Name des Moduls: "High-Performance Computing Systems")	6
Total	24
Compulsory elective modules, of which 6 CP must be completed	
Fundamentals of Telecommunications (alternatively the module Introduction to Telecommunications)	6
Network Standards and Devices	6
Operating Systems, Drivers and Modules for Embedded Computer Systems (alternatively the module Operating Systems and Modules for Embedded Computer Systems)	6
System on Chip Design	6
Mobile networks and devices (OS and Programming) (alternatively the module Android Programming)	6
Applications for Mobile Devices	6
Web Services	6
Mobile Services with Android Programming	6
Process Computers and Measurements	6
Total amount of credits	30

Recommended study plan for Master DD Program Students of the SCMUS

1. Semester (winter semester)	2. Semester (summer semester)
Study at HSA 01.10. – 15.02.	Study at SCMUS or at HSA 16.02. – 29.06/30.09.

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

Grades SCMUS	Grades HSA
5	5,0
6	4,0
7	3,3
8	2,3
9	1,7
10	1,0