

**Study and examination achievements required from students of foreign partner universities (incoming) in the Double Degree Program "Control 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					
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<b>1st and 2nd Academic Semesters</b>						
This semesters are completed by the students at the respective partner university						
<b>Total 2nd Academic Semester</b>						<b>30</b>

<b>3rd Academic Semester</b>						
<b>Pflichtmodule/Compulsory modules</b>						
Autonomous Systems	2	2	LNW	H & P1.)	P: 20 min.	6
Statistical Methods	2	2	LNW	M	20 min.	6
Mechatronics	4		LNW	H & P1.)	P: 20 min,	6
German Language	4		LNW	K	120 min,	6

<b>Wahlpflichtmodule/Compulsory elective modules (1 must be chosen)</b>						
Project-Management	3	1	LNW	K	120 min.	6
Virtual-, Augmented and Mixed Reality	3	1	LNW	K	120 min.	6
Business Start Up	4		LNW	H & P1.)	P: 20 min,	6
Project Work	2	2	LNW	E/ B		6
<b>Total 3rd Academic Semester</b>						<b>30</b>

<b>4th Academic Semester</b>						
<b>Pflichtmodule/Compulsory modules</b>						
Masterarbeit/Master Thesis				H & P		27
Kolloquium/Colloquium				P/C	20 min	3
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.						
<b>Total 4th Academic Semester</b>						<b>30</b>

<b>Total degree programme</b>						<b>90</b>
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- Module completion:
- K Written Exam
  - M Oral Examination
  - PRO Project
  - H Homework Assignment
  - E/B Documentation
  - 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:**

*Automation and Control*

<b>Compulsory modules</b>	<b>Credits</b>
Methods of Modern Theory of Automatic Control	5
Psychology of Management	2
Foreign Language (professional)	5
Methods for the Expression of Uncertainty in Measurements	5
Intelligent Control Systems	5
<b>Total</b>	<b>22</b>
<b>Compulsory elective modules, of which 8 CP must be completed</b>	
Theory and Technique of Engineering Experiment	5
Experiment Planning	5
Methods and Models of CADs of Automation Systems in HPE	5
Methods and Models of CADs of Automation Systems in EE	5
Control Systems for Technological Complexes	3
Automation of Technical Systems	3
Industrial Networks of Distributed Automation Systems	5
Industrial Network Technologies	5
Integration of Digital Technology into Automation Control Systems	5
Dispatch Systems of Automation Tasks	5
Organization and Management of Public Procurement	5
Theory and Practice of Project Management	5
<b>Total amount of credits</b>	<b>30</b>

**Recommended study plan for Master DD Program Students of the AUPET**

<b>1. Semester</b> (winter semester)	<b>2. Semester</b> (summer semester)	<b>3. Semester</b> (winter semester)	<b>4. Semester</b> (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**

<b>Grades AUPET</b>	<b>Grades HSA</b>
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