

Master Paper Technology (further education) - Overview of compulsory modules Starting SS 2015

(Subject to modifications)

Modules and corresponding courses	Semester	Form of examination*	Student work load (in hours)		ECTS-credit points	Module representative
			Attendance/courses (hours)	Home Study (hours)		
Module 1 Chemical Engineering			60	90	5	Ziegler
Thermodynamics	SS	schr. Pr.	30	45		
Mass and Energy Balance	SS		30	45		
Module 2 Introduction to Paper Technology			60	90	5	Zollner-Croll
Introduction to Paper Technology	WS	schr. Pr.				
Practical Course	WS					
Module 3 Pulp Technology			30	120	5	Zollner-Croll
Pulp Technology	WS	schr. Pr. (50 %) StA (50 %)				
Module 4 Stock Preparation			30	120	5	Zollner-Croll
Stock Preparation	WS	schr. Pr. (50 %) StA (50 %)				
	WS					
Module 5 Paper Testing			60	90	5	Zollner-Croll
Paper Testing	WS	schr. Pr.				
Practical Course	WS					
Module 6 Paper Chemistry						
Paper Chemistry	WS	schr. Pr.	60	90	5	Kleemann
Module 7 Minerals			60	90	5	Gliese
Minerals	WS/SS	schr. Pr.				
Module 8 Automation I						
Automation I	SS	schr. Pr.	60	90	5	Kleemann
Module 9 Automation II						
Automation II	WS	mdl. Pr.	60	90	5	Kleemann
Module 10 Board and Paper Technology I						
Board and Paper Technology I	SS	schr. Pr.	60	90	5	Zollner-Croll
Module 11 Board and Paper Technology II						
Board and Paper Technology II	WS	mdl. Pr.	60	90	5	Zollner-Croll
Module 12 Coating I						
Coating I	WS/SS	schr. Pr.	60	90	5	Gliese
Module 13 Coating II						
Coating II	WS/SS	mdl. Pr.	60	90	5	Gliese
Practical Course						

Module 14 Project Management and Intercultural Communication						
Project Management and Intercultural Communication	WS	mdl. Pr.	60	90	5	Ziegler
Module 15 General Management I						
General Management I	WS		30	120	5	Kleemann
		schr. Pr. (50 %)				
		StA (50 %)				
Module 16 General Management II						
General Management II	SS	Schr. Pr.	60	90	5	Kleemann
Module 17 Statistics and Design of Experiment						
Statistics and Design of Experiment	SS	Schr. Pr.	60	90	5	Abel
Module 20 Project	WS	PA	30	120	5	Professors of the Master Course in Paper Technology
Module 21 Master Thesis	SS	MA, Kol.		600	20	Professors of the Master Course in Paper Technology
Total modules 1 – 17 + 20 - 21			960	2340	110	

Overview compulsory elective modules

(Subject to modifications)

Modules and corresponding courses	Semester	Form of examination	Student work load (in hours)		ECTS-credit points	Module representative
			Attendance (courses)	Home study (hours)		
Modul 18 Technical Elective						
Specialty Papers	SS	schr. Pr.	30	45	2,5	Zollner-Croll
Clothing	SS	schr. Pr.	30	45	2,5	Kleemann
Tissue	SS	schr. Pr.	30	45	2,5	Kleemann
Printing Technology	SS	schr. Pr.	30	45	2,5	Ziegler
Introduction into LabView	SS	schr.Pr.	30	45	2,5	Kleemann
Module 19 General Elective						
Marketing and Product Management	SS	StA; Ref.	30	45	2,5	Zollner-Croll
Patent Law and Intellectual Property	SS	schr. Pr.	30	45	2,5	Kleemann
Sustainable Development	SS	mdl. Pr.	30	45	2,5	Zollner-Croll
Total modules 18 - 19			120	180	10	
Total all modules			1050	2550	120	

Abbreviations:

Schr. Pr. = Written examination

mdl. Pr. = Oral examination

StA = Written paper / student project

PA = Project work

Ref = Presentation

MA = Master Thesis