

Module MA-INF 1311	Seminar Theoretical Cryptography				
Workload 120 h	Credit points 4 CP	Duration 1 semester	Frequency every year		
Module coordinator	Prof. Dr. Joachim von zur Gathen				
Lecturer(s)	Prof. Dr. Joachim von zur Gathen				
Classification	Programme M. Sc. Computer Science	Mode Optional	Semester 2. or 3.		
Technical skills	Understanding research publications, often written tersely. Distilling this into a presentation. Determination of relevant vs. irrelevant material. Developing a presentation that fascinates fellow students.				
Soft skills	Understanding and presenting material both orally and in visual media. Motivating other students to participate. Critical assessment of research results.				
Contents	A special topic within cryptography, changing from year to year, is studied in depth, based on current research literature				
Prerequisites	Recommended: MA-INF 1103 – Cryptography				
Format	Teaching format Seminar	Group size 10	h/week 2	Workload[h] 30 T / 90 S	CP 4
	T = face-to-face teaching; S = independent study				
Exam achievements	Oral presentation, written report (graded)				
Study achievements	none (not graded)				
Forms of media					
Literature	Current conference publications, to be announced in time				