

Module MA-INF 3309	Lab Malware Analysis				
Workload 270 h	Credit points 9 CP	Duration 1 semester	Frequency every semester		
Module coordinator	Prof. Dr. Peter Martini				
Lecturer(s)	Prof. Dr. Peter Martini, Prof. Dr. Michael Meier				
Classification	Programme M. Sc. Computer Science		Mode Optional	Semester 3.	
Technical skills	The students will carry out a practical task (project) in the context of communication systems with a specific topic focus on Malware Analysis and Computer/Network Security, including test and documentation of the implemented software/system.				
Soft skills	Work in small teams and cooperate with other teams in a group; ability to make design decisions in a practical task; present and discuss (interim and final) results in the team/group and to other students; prepare written documentation of the work carried out				
Contents	Selected topics close to current research in the area of communication systems, malware analysis, computer and network security.				
Prerequisites	Required: Successful completion of at least one of the following lectures: Principles of Distributed Systems (MA-INF3105), Network Security (MA-INF3201), Mobile Communication (MA-INF3202), IT Security (MA-INF3236)				
Format	Teaching format	Group size	h/week	Workload[h]	CP
	Lab	8	4	60 T / 210 S	9
	T = face-to-face teaching; S = independent study				
Exam achievements	Oral presentation, written report (graded)				
Study achievements	none (not graded)				
Forms of media					
Literature					