Module MA-INF 3235	**Usable Security and Privacy**		
Workload 180 h	**Credit points** 6 CP	**Duration** 1 semester	**Frequency** every year
Module coordinator	Prof. Dr. Matthew Smith		
Lecturer(s)	Prof. Dr. Matthew Smith		
Classification	**Programme** M. Sc. Computer Science	**Mode** Optional	**Semester** 1.
Technical skills	Students will be familiar with usability problems of IT security and privacy mechanisms, understand methods for exploring usability of IT security and privacy mechanisms as well being able to design and execute usability studies.		
Soft skills	• Working with scientific literature • Communication skills • Team working skills		
Contents	The lecture on Usable Security and Privacy deals with many aspects of human factors and usability in the context of security and privacy. The lecture includes both the foundations of usable security and privacy as well as a selection of cutting edge international research in this area. Topics include: • Evaluation of usability issues of existing security & privacy models or technology • Design and evaluation of new usable security & privacy technology • Impact of organizational policy on security and privacy interaction • Lessons learned from designing, deploying, managing or evaluating security & privacy technologies • Foundations of usable security & privacy • Methodology for usable security & privacy research • Ethical, psychological, sociological and economic aspects of security & privacy technologies		
Prerequisites	**Required:** Knowledge about IT Security is advantageous but not mandatory. **Recommended:** At least 1 of the following: BA-INF 138 – IT-Sicherheit BA-INF 136 – Reaktive Sicherheit MA-INF 1103 – Cryptography MA-INF 3229 – Lab IT-Security		

Format	Teaching format	Group size	h/week	Workload[h]	CP
	Lecture	60	2	30 T / 45 S	2.5
	Exercises	30	2	30 T / 75 S	3.5
	Die Übung wird als Blockübung absolviert T = face-to-face teaching; S = independent study				

Exam achievements	Written exam (graded)
Study achievements	Successful exercise participation (not graded)
Forms of media	
Literature	