Module MA-INF 2307	**Lab Vision**				
Workload 270 h	**Credit points** 9 CP	**Duration** 1 semester	**Frequency** every semester		
Module coordinator	Prof. Dr. Juergen Gall				
Lecturer(s)	Prof. Dr. Juergen Gall				
Classification	**Programme** M. Sc. Computer Science	**Mode** Optional	**Semester** 2. or 3.		
Technical skills	The students will carry out a practical task (project) in the context of RGB-D cameras.				
Soft skills	Ability to properly present and defend design decisions, to prepare readable documentation of software; skills in constructively collaborating with others in small teams over a longer period of time; ability to classify ones own results into the state-of-the-art of the resp. area				
Contents	RGBD cameras: research topics and applications				
Prerequisites	**Required:** MA-INF 2201 – Computer Vision Good C++ programming skills				
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	A. Fossati, J. Gall, H. Grabner, X. Ren, K. Konolige. Consumer Depth Cameras for Computer Vision: Research Topics and Applications				