Module MA-INF 1205	**Graduate Seminar Discrete Optimization**				
Workload 180 h	**Credit points** 6 CP	**Duration** 1 semester	**Frequency** every year		
Module coordinator	Prof. Dr. Jens Vygen				
Lecturer(s)	All lecturers of Discrete Mathematics				
Classification	**Programme** M. Sc. Computer Science		**Mode** Optional	**Semester** 2.	
Technical skills	Competence to understand new research results based on original literature, to put such results in a broader context and present such results and relations.				
Soft skills	Ability to read and understand research papers, abstract thinking, presentation of mathematical results in a talk				
Contents	A current research topic in discrete optimization will be chosen each semester and discussed based on original literature.				
Prerequisites	**Required:** MA-INF 1102 – Combinatorial Optimization				
Format	**Teaching format**	**Group size**	**h/week**	**Workload[h]**	**CP**
	Seminar	10	4	60 T / 120 S	6
	T = face-to-face teaching; S = independent study				
Exam achievements	Oral presentation, written report (graded)				
Study achievements	none (not graded)				
Forms of media					
Literature	The topics and the relevant literature will be announced towards the end of the previous semester.				