

Module Name Mathematics Seminar						
Type of Module Advanced Module				Module Code AM-M-S		
Identification Number	Workload	Credit Points	Term	Offered Every	Start	Duration
MSc-M-S1	180 Hours	6 CP	1. – 3. Semester	SuSe/WiSe	both	1 Semester
1	Course Types a) Seminar		Contact Time 28 h	Private Study 152 h		Planned Group Size
2	Module Objectives and Skills to be Acquired Independent work on and understanding of demanding mathematical literature and presentation of mathematical issues, learning the basics of working with scientific literature. Didactic and pedagogic methods and their use in scientific presentations. Ability to hold critical discussions. Selection, organization and composition of complex mathematical material. General presentation competence, communicational abilities and ability to perform scientific discussions					
3	Module Content Chosen chapters from the areas of pure and applied mathematics. Actual topics and related literature can be found in the seminar catalogue on the websites of the mathematical institute (for further information see 11).					
4	Teaching Methods Seminar					
5	Prerequisites (for the Module) Participation may depend on certain background knowledge. The responsible lecturer will decide about the admission to the respective seminar.					
6	Type of Examination Talk/Presentation, duration: 1 hour					
7	Credits Awarded Talk/Presentation and regular participation					
8	Compatibility with other Curricula The module is part of the master courses “Mathematik” and “Wirtschaftsmathematik”					
9	Proportion of Final Grade 6/114					
10	Module Coordinator The lecturers of the Mathematical Institute					
11	Further Information Language: German and/or English Please refer to the seminar catalogue (http://www.mi.uni-koeln.de/KVV/Seminarverzeichnis_aktuell.pdf) to find the currently offered seminars and their respective language.					