

Module Handbook (<https://modhb.uni-kl.de/>)

[TUK \(https://www.uni-kl.de\)](https://www.uni-kl.de) [MODHB \(https://modhb.uni-kl.de/\)](https://modhb.uni-kl.de/) [Homepage \(/\)](#)

Course-Pool MAT-RC-KPOOL-7

Reading Courses Mathematics (Master) ([4.0 - 12.0] CP)

Basedata

CP	[4.0 - 12.0] CP
Level	[7] Master (Advanced)
Lifecycle-State	[NORM] Active

Notice

This catalogue contains all reading courses offered by the Department of Mathematics for the mathematical Master's programmes. In addition to the explicitly listed subject areas, reading courses on other subject areas are also possible.

Depending on the workload agreed / to be performed, in the respective courses also other amounts of CP can be awarded.

Courses in the Pool

Number	Name	Type/SWS	Semester orientation	CP
Area of study <i>Algebra, Geometry and Computer Algebra</i>				
MAT-42-RC-K-7 (/mhb/courses/MAT-42-RC-K-7/)	Reading Course Advanced Topics in Algebraic Geometry and Computer Algebra	(2S)	WiSe/SuSe	12.0 CP
MAT-43-RC-K-7 (/mhb/courses/MAT-43-RC-K-7/)	Reading Course Advanced Topics in Algebra and Number Theory	(2S)	WiSe/SuSe	12.0 CP
Area of study <i>Optimisation</i>				
MAT-52-RC-K-7 (/mhb/courses/MAT-52-RC-K-7/)	Reading Course Advanced Topics in Optimization	(2S)	WiSe/SuSe	12.0 CP
Area of study <i>Stochastics/Statistics/Financial Mathematics</i>				
MAT-61F-RC-K-7 (/mhb/courses/MAT-61F-RC-K-7/)	Reading Course Advanced Topics in Financial Mathematics	(2S)	WiSe/SuSe	12.0 CP
MAT-61-RC-K-7 (/mhb/courses/MAT-61-RC-K-7/)	Reading Course Advanced Topics in Actuarial and Financial Mathematics	(2S)	WiSe/SuSe	6.0 CP
MAT-62-RC-K-7 (/mhb/courses/MAT-62-RC-K-7/)	Reading Course Advanced Topics in Statistics	(2S)	WiSe/SuSe	12.0 CP
Area of study <i>Analysis and Stochastics</i>				
MAT-64-RC-K-7 (/mhb/courses/MAT-64-RC-K-7/)	Reading Course Advanced Topics in Mathematical Image Processing and Data Analysis	(2S)	irreg.	12.0 CP
MAT-71-RC-K-7 (/mhb/courses/MAT-71-RC-K-7/)	Reading Course Advanced Topics in Stochastic Analysis	(2S)	WiSe/SuSe	12.0 CP
Area of study <i>Industrial Mathematics</i>				
MAT-80-50RC-K-7 (/mhb/courses/MAT-80-50RC-K-7/)	Reading Course Mathematical Modelling	(S)	SuSe	4.0 CP
MAT-80-RC-K-7 (/mhb/courses/MAT-80-RC-K-7/)	Reading Course Advanced Topics in Scientific Computing	(2S)	WiSe/SuSe	12.0 CP
MAT-81-RC-K-7 (/mhb/courses/MAT-81-RC-K-7/)	Reading Course Advanced Topics in PDE	(2S)	WiSe/SuSe	12.0 CP
MAT-82-RC-K-7 (/mhb/courses/MAT-82-RC-K-7/)	Reading Course Advanced Topics in Systems and Control Theory	(2S)	WiSe/SuSe	12.0 CP
MAT-84-RC-K-7 (/mhb/courses/MAT-84-RC-K-7/)	Reading Course Advanced Topics in Biomathematics	(2S)	WiSe/SuSe	12.0 CP

References to Course Pool [MAT-RC-KPOOL-7]

Module	Name	Context	CP
[MAT-RC-M-7 (/mhb/modules/MAT-RC-M-7/)]	Reading Course (Mathematics)	P: Obligatory in Obligatory-Modulteil	12.0