

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

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## Course-Pool MAT-40-4V-KPOOL-4

Elective Courses Algebra, Geometry and Computeralgebra (4V, B.Sc.) ([9.0] CP)

### Basedata

CP	[9.0] CP
Level	[4] Bachelor (Specialization)
Area of study	[MAT-AGCA] Algebra, Geometry and Computer Algebra
Lifecycle-State	[NORM] Active

### Courses in the Pool

Number	Name	Type/SWS	Semester orientation	CP
<i>Area of study Algebra, Geometry and Computer Algebra</i>				
<b>MAT-40-11-K-4</b> (/mhb/courses/MAT-40-11-K-4/)	Commutative Algebra	(4V+2U)	WiSe	9.0 CP
<b>MAT-40-14-K-4</b> (/mhb/courses/MAT-40-14-K-4/)	Cryptography	(4V+2U)	SuSe	9.0 CP
<b>MAT-40-16-K-6</b> (/mhb/courses/MAT-40-16-K-6/)	Algebraic Topology	(4V+2U)	irreg.	9.0 CP
<b>MAT-40-21-K-6</b> (/mhb/courses/MAT-40-21-K-6/)	Manifolds	(4V+2U)	irreg.	9.0 CP
<b>MAT-40-30-K-4</b> (/mhb/courses/MAT-40-30-K-4/)	Plane Algebraic Curves; Quadratic Number Fields	(4V+2U)	irreg. SuSe	9.0 CP
<b>MAT-40-31-K-4</b> (/mhb/courses/MAT-40-31-K-4/)	Plane Algebraic Curves; Character Theory of Finite Groups	(4V+2U)	irreg. SuSe	9.0 CP
<b>MAT-40-32-K-4</b> (/mhb/courses/MAT-40-32-K-4/)	Plane Algebraic Curves; p-adic Numbers	(4V+2U)	irreg. SuSe	9.0 CP
<b>MAT-40-33-K-4</b> (/mhb/courses/MAT-40-33-K-4/)	Character Theory of Finite Groups; Quadratic Number Fields	(4V+2U)	irreg. SuSe	9.0 CP
<b>MAT-40-34-K-4</b> (/mhb/courses/MAT-40-34-K-4/)	Character Theory of Finite Groups; p-adic Numbers	(4V+2U)	irreg. SuSe	9.0 CP

## References to Course Pool [MAT-40-4V-KPOOL-4]

Module	Name	Context	CP
[MAT-25-20E-M-4 (/mhb/modules/MAT-25-20E-M-4/)]	Elective Module Specialisation Mathematics (extended)	WP: Obligation to choose in Obligatory-Modulteil	6.0