

## Schwerpunktbereich B - Analysis und Differentialgleichungen - Modell 1

Start: Wintersemester

Sem.	Vorlesungen Bereich I	Vorlesungen Bereich II	Vorlesungen Bereich III	Graduate-Seminare (GS)	Masterarbeit	Freier Wahlpflichtbereich	LP
1	[V4B1] [9] Nonlinear PDE I	[V4F2] [9] Markov Processes				[P4E1] [9] Practical Lab Numerical Simulation	27
2	[V4B2] [9] Nonlinear PDE II	[V5F1] [7] Adv. Top. in Probability Th.	[V4C2] [9] Approximation Algorithms	[S4B2] [6] GS on PDE			31
3	[V5B1] [7] Adv. Top. in Analysis & PDE			[S4F6] [6] GS on Math. Biology	[T5G1] [30] Masterarbeit		31
4	[V5B8] [5] Sel. Top. in Analysis				[S5G1] [6] Begleitseminar zur Masterarbeit	[phys420] [9] Theoretische Physik III	32

## Schwerpunktbereich B - Analysis und Differentialgleichungen - Modell 2

Start: Wintersemester

Sem.	Vorlesungen Bereich I	Vorlesungen Bereich II	Vorlesungen Bereich III	Graduate-Seminare (GS)	Masterarbeit	Freier Wahlpflichtbereich	LP
1	[V4B3] [9] Adv. Global Analysis I	[V4D1] [9] Algebraic Topology I	[V4A5] [9] Advanced Algebra I				27
2	[V4B4] [9] Adv. Global Analysis II	[V5D1] [7] Adv. Top. in Topology		[S4B3] [6] GS on Global Analysis		[P4G1] [9] Pract. Teaching Course	31
3	[V5B3] [7] Adv. Top. in PDE & Math. Models			[S4D2] [6] GS on Topology	[T5G1] [30] Masterarbeit		31
4	[V5B6] [5] Sel. Top. in Analysis & Calc. of Var.				[S5G1] [6] Begleitseminar zur Masterarbeit	[P4G2] [9] External Internship	32