

**Focus F - Probability and Stochastic Analysis**  
**Start: Winter Semester**

Sem.	Lecture Courses Area I	Lecture Courses Area II	Lecture Courses Area III	Graduate Seminars (GS)	Master's Thesis	Electives	CP
1	[V4F2] [9] Markov Processes	[F4B1-1] [9] F-PDE & Funct. Analysis	[V4C1] [9] Combinatorial Optimization	[S4F4] [6] GS on Math. Biology			33
2	[V4F1] [9] Stochastic Analysis			[S4F5] [6] GS on Interacting Rand. Systems		[P4G1] [9] Pract. Teaching Course	24
3	[V5F1] [7] Adv. Top. in Probability Theory	[V1B1] [9] Nonlinear PDE I			[T5G1] [30] Master's Thesis		34
4	[V5F6] [5] Sel. Top. in Applied Probability			[S4F6] [6] GS on Stochastic Processes	[S5G1] [6] Master's Thesis Seminar		29

The detailed study plans represent some of the possibilities and demonstrate the academic feasibility of the various options. The row numbers indicate the consecutive semesters. The numbers in brackets and in the last column represent the credit points (CP). Only the Master's Thesis and Master's Thesis Seminar are obligatory.