

Modul	Turnus	ZEIT	RAUM	Wintersemester 2024/25
V1G1 Analysis I	WiSe	Mo8Mi10	CP1/2-HSZ	Niethammer
V1G2 Analysis II	SoSe	Mo10Do8	GHS	
V1G3 Lineare Algebra I	WiSe	Di8Fr10	GHS	Schröer
V1G4 Lineare Algebra II	SoSe	Di8Fr10	GHS	
V1G5 Algorithmische Math. I	WiSe	Mo10Do8	CP1-HSZ	Traub
V1G6 Algorithmische Math. II	SoSe	Mo8Mi10	GHS	
V2A1 Einführung in die Algebra	WiSe	Mo16Do10	GHS	Martin
V2A2 Einführung in die Mathematische Logik	jedes 2. SoSe	Mo14Mi13.30	KHS	
V3A1 Algebra I	SoSe	Mo16Do14	KHS	
V3A2 Algebra II	WiSe	Mo16Do14	GHS/KHS	Franke
V3A3 Grundzüge der Darstellungstheorie	unregelmäßig	Di16Fr8	ZS/KHS	Stroppel
V3A4 Grundzüge der Zahlentheorie	unregelmäßig			
V3A5 Mathematische Logik	unregelmäßig	Mo14Mi12		
V4A1 Algebraic Geometry I	WiSe	Mo12Do10	KHS	Huybrechts
V4A2 Algebraic Geometry II	SoSe	Mo12Do10	KHS	
V4A3 Representation Theory I		Mi10Fr8	MZ1.008	Kaletha
V4A4 Representation Theory II		Mi10Fr8	MZ1.008	
V4A5 Advanced Algebra I		Di8Fr10	MZ1.008	Franke
V4A6 Advanced Algebra II		Di8Fr10	MZ1.008	
V4A7 Advanced Mathematical Logic I		Mo14Mi12	MZ1.008	
V4A8 Advanced Mathematical Logic II		Mo14Mi12	MZ1.008	
V5A1 Adv. Top. in Algebra				
V5A2 Sel. Top. in Algebra				
V5A3 Adv. Top. in Algebraic Geometry				
V5A4 Sel. Top. in Algebraic Geometry				
V5A5 Adv. Top. in Representation Theory				
V5A6 Sel. Top. in Representation Theory				Eteve
V5A7 Adv. Top. in Mathematical Logic				Zou
V5A8 Sel. Top. in Mathematical Logic				
V5A9 Adv. Top. in Number Theory				
V5A10 Sel. Top. in Number Theory				Dill, Technau
S1G1 Seminar (optional)	SoSe			
S2A1 HS Algebra				
S2A2 HS Mathematische Logik				
S2A3 HS Zahlentheorie				Dill
S2A4 HS Angewandte Mathematische Logik				
S4A1 GS on Algebraic Geometry				Huybrechts
S4A2 GS on Representation Theory				Schröer
S4A3 GS on Advanced Algebra				Fintzen
S4A4 GS on Logic				
S4A5 GS on Advanced Number Theory				Technau
S4A6 GS on Applied Logic				Dill/Hieronymi
P2A1 Praktikum Mathematische Logik				
P4A1 Practical Project Mathematical Logic				

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V2B1 Analysis III	WiSe	Di12Do12	GHS	Koch
V2B2 Einf. PDG	SoSe	Di14Fr12	GHS	
V2B3 Einf. Komplexe Analysis	SoSe	Mo8Do12	KHS/GHS	
V3B1 PDG + Funktionalanalysis	WiSe	Mi10Fr8	KHS	Müller
V3B2 PDG + Modellierung	SoSe	Mi10Fr8	ZS	
V3B3 Globale Analysis		Mo8Mi12	MZ0.008	
V4B1 Nonlinear PDE I	WiSe	Mo10Do10	MZ1.008	Velázquez
V4B2 Nonlinear PDE II	SoSe	Mo10Do10	MZ1.008	
V4B3 Advanced Global Analysis I		Di10Do8	MZ1.008	
V4B4 Advanced Global Analysis II		Di10Do8	MZ1.008	Lesch
V4B5 Harmonic Analysis				
V5B1 Adv. Top. in Anal. + PDE				Portinale
V5B2 Sel. Top. in Anal. + PDE				
V5B3 Adv. Top. in PDE + Math. Mod.				
V5B4 Sel. Top. in PDE + Math. Mod.				
V5B5 Adv. Top. in Anal. + Calc.o.Var.				Brennecke
V5B6 Sel. Top. in Anal. + Calc.o.Var.				
V5B7 Adv. Top. in Analysis				Disertori
V5B8 Sel. Top. in Analysis				
S1G1 Seminar (optional)	SoSe			
S2B1 HS Funktionalanalysis				
S2B2 HS PDG				
S2B3 HS Globale Analysis				
S4B1 GS on Analysis				
S4B2 GS on PDE				
S4B3 GS on Global Analysis				Lesch/van den Dungen
S5B1 GS on Advanced PDE				
S5B2 GS on PDE in the Sciences				Niethammer/Velázquez
S5B3 GS on New Devel. in PDE				
S5B4 GS on Mod. Sim. with PDE				

V2C1 Einf. Diskrete Mathematik	WiSe	DiDo16	GKHS	Hougardy
V3C1 Lin. und ganzz. Optimierung	SoSe	DiDo16	GKHS	
V3C2 Komb., Graphen, Matroide	WiSe	DiDo12	GKHS	Brenner/Korte
V4C1 Combinatorial Optimization	WiSe	DiDo14	GKHS	Vygen
V4C2 Approximation Algorithms	SoSe	DiDo14	GKHS	
V4C3 Chip Design	SoSe	DiDo12	GKHS	
V5C1 Adv. Top. in Discrete Math.				Held
V5C2 Sel. Top. In Discrete Math.				Végh
S1G1 Seminar (optional)	SoSe			
S2C1 HS Diskrete Optimierung	WiSe			Korte et al.
S4C1 GS on Discrete Optimization	SoSe			
S4C2 GS on Appl. Comb. Optimization	WiSe			Korte et al.
P2C1 Progr.prakt. Diskrete Optimierung	SoSe			
P4C1 Combinatorial Algorithms	SoSe			Korte et al.
P4C2 Algorithms for Chip Design	WiSe			Korte et al.

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V2D1 Einf. Geometrie + Topologie	SoSe	Di12Do10	GHS	
V3D1 Topologie I	WiSe	Mo10Mi8	KHS	Schwede
V3D2 Topologie II	SoSe	Mo10Mi8	KHS	
V3D3 Grdz. Anal. + Geom. auf Mannigfalt.		Di14Fr12	ZS	
V3D4 Geometrie		Di14Fr12	ZS	
V4D1 Algebraic Topology I	WiSe	Mo14Mi8	ZS	Lück
V4D2 Algebraic Topology II	SoSe	Mo14Mi8	ZS	
V4D3 Advanced Geometry I		Di14Fr12	MZ1.008	
V4D4 Advanced Geometry II		Di14Fr12	MZ1.008	
V5D1 Adv. Top. in Topology				Shi
V5D2 Sel. Top. in Topology				
V5D3 Adv. Top. in Geometry				
V5D4 Sel. Top. in Geometry				Fruchter/Gardam
V5D5 Adv. Top. in Diff. Geo.				
V5D6 Sel. Top. in Diff. Geo.				
S1G1 Seminar (optional)	SoSe			
S2D1 HS Geometrie				
S2D2 HS Differentialtopologie				
S2D3 HS Homologie + Kohomologietheorie				
S2D4 HS Homotopietheorie				Davies/Tatum
S2D5 HS Niedrigdimensionale Topologie				
S4D1 GS on Differential Geometry				
S4D2 GS on Topology				Tatum/Piessevaux
S4D3 GS on Advanced Geometry				Côté
S4D4 GS on Advanced Topology				Schwede/Davies

V2E1 Einf. Grundlagen Numerik	WiSe	Di10Do8	KHS	Verfürth
V2E2 Einf. Numerische Mathematik	SoSe	Di10Do8	KHS	
V3E1 Wissenschaftliches Rechnen I	WiSe	Di10Do8	ZS	Neitzel
V3E2 Wissenschaftliches Rechnen II	SoSe	Di10Do8	ZS	
V4E1 Numerical Algorithms	WiSe	Di10Do8	2.035, EN19b	Dölz
V4E2 Numerical Simulation	SoSe	Di10Do8	2.035, EN19b	
V5E1 Adv. Top. Num. Meth. Sci. Tech.				
V5E2 Sel. Top. Num. Meth. Sci. Tech.				
V5E3 Adv. Top. in Scientific Comp.				
V5E4 Sel. Top. in Scientific Comp.				
V5E5 Adv. Top. in Numerical Analysis				Gedicke
V5E6 Sel. Top. in Numerical Analysis				
S1G1 (optional)	SoSe			
S2E1 HS Numerik	SoSe			
S2E2 HS Wissenschaftliches Rechnen	WiSe			Neitzel
S4E1 GS on Scientific Computing	jedes Sem.			Gedicke
S4E2 GS on Numerical Simulation	jedes Sem.			Dölz
S5E1 GS on Numerical Analysis	jedes Sem.			Gantner
S5E2 GS on Efficient Simulation	jedes Sem.			
P2E1 Progr.prakt. Numerische Algorithmen	jedes Sem.			Schweitzer
P4E1 Pract. Lab Numerical Simulation	jedes Jahr			Schweitzer
P4E2 Pract. Lab Adv. Scientific Computing	jedes Jahr			Schweitzer

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V2F1 Einf. Wahrscheinlichkeitstheorie	WiSe	Di8Fr10	KHS	Bovier
V2F2 Einf. Statistik	jedes 2. SoSe	MoMi12	GHS	
V3F1 Stochastische Prozesse	WiSe	Di16Fr10	KHS/Anatomie B	Eberle
V3F2 Grdz. Stochast. Analysis	Soe	Di8Fr10	ZS	
V4F1 Stochastic Analysis	SoSe	DiDo12	KHS	
V4F2 Markov Processes	WiSe	DiDo12	KHS/ZS	Ferrari
V5F1 Adv. Top. in Prob. Theory	jedes Semester eines von V5F1-V5F6			
V5F2 Sel. Top. in Prob. Theory				Sauermann
V5F3 Adv. Top. in Stoch. Analysis				
V5F4 Sel. Top. in Stoch. Analysis				
V5F5 Adv. Top. in Applied Prob.				
V5F6 Sel. Top. in Applied Prob.	jedes Jahr eins von beid.			
V5F7 Adv. Top. in Math. Bio. & Data Science				
V5F8 Sel. Top. in Math. Bio. & Data Science				
S1G1 Seminar (optional)	SoSe			
S2F1 HS Stochastik	jedes Jahr			
S2F2 HS Stoch. Proz. + Stoch. Anal.	jedes Jahr			
S4F1 GS on Probability Theory	jedes Jahr			
S4F2 GS on Stochastic Analysis	jedes Jahr			
S4F3 GS on Applied Probability	jedes Jahr			
S4F4 GS on Stochastic Models	jedes Jahr			
S4F5 GS on Interacting Random Systems	jedes Jahr			Ferrari
S4F6 GS on Stochastic Processes	jedes Jahr			Bovier
S4F7 GS on Math. Bio. & Data Science	jedes Jahr			Effland
P4F1 Pract. Lab Math. Bio. & Data Science	jedes 2. Jahr			

Vorkurs für Mathematiker	vor WiSe			tba
Vorkurs für Nichtmathematiker	vor WiSe			Kiesel
Programmierungskurs	vor WiSe			Brenner
MB01 Grundzüge der Mathematik I	WiSe	Di16Mi12Do12	KHS	Krapf/Kiesel
MB02 Grundzüge der Mathematik II	SoSe	Di16	GHS	
MB03 Stochastik	WiSe	MoDo14	GHS	Alt
MB04 Seminar Höhere Mathematik	SoSe			
MB05 Lineare Algebra	SoSe	DiDo8	HS Geo	
MB06 Elementarmathematik	unregelmäßig			
MB09 Mathematische Vertiefung	unregelmäßig	DiDo10 (flexibel)		Kaenders
MBV1G6b Algorithmische Mathematik IIb	SoSe			
Softwarepraktikum Grundzüge	SoSe			
MMD1 Didaktik der Mathematik	WiSe	Mi8	1.008	Kaenders
MMD2 Stoffdidaktik Mathematik	SoSe	Mi8	1.008	
Seminare Praxissemester	WiSe+SoSe	Do10Do14Do16		Kaenders
V3G1 Geschichte der Mathematik	WiSe			
S1G1 Seminar	SoSe			
P2G2 Industrieprakt. / P4G2 Ext. Internship	WiSe+SoSe			
Math. I (Physiker)	WiSe	MoDiDo8	Phys.	Räsch
Math. Ia (Physiker)	WiSe			Räsch
Math. II (Physiker)	SoSe	DiDo8	Phys.	
Math. III (Physiker)	WiSe	Mi10Fr8	PI I	tba
Analysis (Informatiker)	SoSe	MoMi8		
Math. und Statistik (Biologie)	WiSe	MoMi8		Welter
Math. I (Geowiss.)	SoSe			
Math. II (Geowiss.)	WiSe			Krapf
Math. Meth. (Geophys, ELW)	SoSe			
Angew. Math. (Agrar, ELW)	WiSe			Kiesel
Biometrie (Agrar, ELW)	SoSe			
Advanced Biometry (Agrar)	WiSe			
Biometry (Agrar), Research Methods	WiSe			
Biometr. Beratung (Agrar)	WiSe+SoSe			
Ingenieurmath. I (Geod.)	WiSe			Rumpf
Ingenieurmath. II (Geod.)	SoSe			
Ingenieurmath. III (Geod.)	WiSe			Lenz
Ingenieurmath. MSc (Geod.)	WiSe			Lenz