	2018-2019	2017-2018	2016 - 2017
Diamant		Algebraic Number Theory f (B. de Smit & P. Stevenhagen)	Algebraic Number Theory f (B. de Smit & P. Stevenhagen)
			Ergodic Theory f (Dajani & Kalle)
		M1: Algebraic Geometry 1 f (Edixhoven & Kret)	M1: Algebraic Geometry 1 f (de Jong & Holmes)
		M1: Commutative Algebra f (R.de Jeu & Holmes)	M1: Commutative Algebra f (R.de Jeu & Zalamansky)
		Semidefinite Optimization s (Laurent & Oliveira)	Set Theory f (Hart)
		M1: Probabilistic and Extremal Combinatorics f (Muller & Kang)	M1: Probabilistic and Extremal Combinatorics f (Mueller)
		Modular Forms s (Dahmen & Bruin)	p-Adic Numbers and Applications f (Beukers & Dahmen)
		Cryptology f (Lange), *TUe * 5EC online course*	Cryptology f (Lange), *TUe*
		Algorithms beyond the Worst Case s (Manthey & Dadush)	
		Coding Theory s (Pellikaan), *TUe*	Coding Theory s (Pellikaan), *TUe*
		Elliptic Curves s (Streng & Bright)	Elliptic Curves s (Streng & Bright)
		M1: Algebraic Methods in Combinatorics s (Patel & Regts)	M1: Algebraic Methods in Combinatorics s (Patel & Regts)
		Selected areas in Cryptology s (Daemen & de Weger)	Selected Areas in Cryptology s (Lange & Stevens)
		Algorithmic Geometry of Numbers s (Dadush & Ducas)	
NDNS+		Functional Analysis f (Frey & Caspers)	Functional Analysis f (Frey & Genoud)
		Dynamical Systems f (Homburg & Rink)	Dynamical Systems f (Homburg & Rink)
		Mathematical Biology f (Planque & Hille)	Fourier Analysis and Distributions f (Stolk & Wiegerinck)
		Partial Differential Equations f (Hulshof & Hupkes)	Partial Differential Equations s (Hupkes & Hulshof)
		Nonlinear Waves s (Chirilus-Bruckner, Hupkes & Doelman)	Nonlinear Waves s (Chirilus-Bruckner, Hupkes & Doelman)
		Inverse Problems in Imaging s (van Leeuwen & Brune)	
		Continuum Mechanics s (Peletier & Dubbeldam) *ook 4TU	
STAR		Measure Theoretic Probability f (Cox)	Measure Theoretic Probability f (Cox)
		Machine Learning Theory f (Koolen, Grunwald & de Heide)	
		Asymptotic Statistics f (Kleijn)	Asymptotic Statistics f (Kleijn)
	Stochastic Processes s	Stochastic Processes s (Spieksma)	Stochastic Processes s (Spieksma)
	Percolation: from introduction to frontiers of current research f/s (vd Berg)	Percolation: from introduction to frontiers of current research s (vd Berg)	
	Statistical Theory for High- and Infinite-Dimensional Models f/s (v Zanten)	Statistical Theory for High- and Infinite-Dimensional Models s (v Zanten)	
			Time Series s (Gugushvili)
GQT	M1: Algebraic Geometry 1 f	M1: Algebraic Topology f (Sagave)	M1: Algebraic Topology f (Sagave & ??)
	M1: Algebraic Topology f	M1: Differential Geometry f (Cavalcanti)	M1: Differential Geometry f (Crainic)
	M1: Differential Geometry f		M2: Complex Geometry f (Cavalcanti)
	M2: Symplectic Geometry f	M2: Poisson Geometry f (Marcut & Crainic)	
	M1: Lie Groups and Lie Algebras s	M1: Lie Groups and Lie Algebras s (vd Ban)	M1: Lie Groups and Lie Algebras s (Opdam & Stokman)
	M1: Riemann Surfaces s	M1: Riemann Surfaces s (Moonen) in Nijmegen	M1: Riemann Surfaces s (Posthuma)
	M1: Operator Algebras s	M1: Operator Algebras s (M. Caspers)	M1: Operator Algebras s (Müger & Caspers)
	M2: Algebraic Geometry 2 s	M2: Algebraic Geometry 2 s (Faber & de Jong)	M2: Algebraic Geometry 2 s (Faber & Kool)
		M2: Algebraic Topology 2 s (Moerdijk & Sagave)	M2: Symplectic Geometry s (Zilterner & Pasquotto)
		M2: Foundations of General Relativity s (Landsman) in Nijmegen	
Logica		Set Theory f (Hart & Loewe)	Intuitionist Mathematics f (Veldman)
		Complexity Theory f (Terwijn) in Nijmegen	Mathematical structures in Logic s (Bezhanishvili)
		Category Theory and Topos Theory s (v Oosten)	
		Descriptive Set Theory s (Veldman) in Nijmegen	
Numerieke wiskunde	Parallel Algorithms f (Bisseling)	Parallel Algorithms f (Bisseling)	Parallel Algorithms f (Bisseling)
		Numerical Linear Algebra f (Sleijpen)	Numerical Linear Algebra f (Sleijpen)
	Numerical Methods for Time-dependent PDEs s (Zegeling)		Numerical Methods for Time-dependent PDEs s (Zegeling)
	Numerical Bifurcation Analysis of Large-scale Systems (Wubs & Dijkstra)	Introduction to Numerical Bifurcation Analysis of ODEs and Maps s (Kuznetsov)	
LNMB+TU+Disc			
		Continuous Optimization LNMB/4TU f (Dickinson)	Continuous Optimization LNMB/3TU f (Dickinson)
		Discrete Optimization LNMB/4TU f (Uetz & Berger)	Discrete Optimization LNMB/3TU f (Manthey)
		Heuristic Methods in Operations Research LNMB f (Hurink & Schutten)	Heuristic Methods in Operations Research LNMB f (Hurink & Schutten)
		Systems and Control f (DISC) (Polderman, vd Woude)	Systems and Control f (DISC) (Polderman, vd Woude)
		Continuum Mechanics s 4TU (Peletier & Dubbeldam) *ook NDNS+	
		Queueing Theory LNMB s (Resing)	Queueing Theory LNMB s (Scheinhardt)
	Applied Statistics 4TU s	Applied Statistics 4TU s (Serra)	Applied Statistics 3TU s (van Lieshout)
		Applied Finite Elements 4TU s (Vermolen & vdVegt & Maubach)	Applied Finite Elements 3TU s (Vermolen & vdVegt)
			Scheduling LNMB s (Vredeveld & Hoogeveen)
	Stochastic Differential Equations 4TU s	Stochastic Differential Equations 4TU s (Ruszel & Mandal)	Stochastic Differential Equations 3TU s (Veraar & Mandal)
			Network Dynamics s (DISC) (vd Woude, Frasca & Camlibel)
		Advanced Linear Programming LNMB s (Stougie & van den Akker)	Advanced Linear Programming LNMB s (Stougie & vd Akker)
Wonder / PhD vakken	Advanced Algebraic Geometry f (GQT)	Advanced Algebraic Geometry: Algebraic Surfaces f (Kool & Shen) (GQT)	Galois Representations and Automorphic Forms f (Bruin & Kret) (DIAMANT / GQT)
		Advanced Combinatorics f (Mueller) (DIAMANT)	Advanced Combinatorics f (Mueller, Kang, Patel, Regts) (DIAMANT)
		Advanced Hamiltonian Mechanics f (Efstathiou) (GQT, NDNS+)	Queues & Levy Fluctuation Theory f (Mandjes) (STAR)
	Discrete Choice Analysis: Theory and Application f/s (Dugundji) (STAR)		Complex Networks f (Litvak) (STAR)
			Topological methods for nonlinear differential equations s (vd Vorst) (NDNS+)
			Bayesian Statistics s (vdVaart, Kleijn, Szabó) (STAR)
			Advanced Topics in Semidefinite Programming s (Dadush & Bansal) (DIAMANT)
Leraren		Fundamenten f (Edixhoven)	Fundamenten f (vd Bogaart & Edixhoven)
		Stochastiek f (Cator & Kraaikamp)	Stochastiek f (Cator & Kraaikamp)
		Meetkunde f (Jeurnink & Spandaw & Sterk)	Meetkunde f (Jeurnink & Spandaw & Sterk)
		Algebra/getaltheorie s (Bosma & Top) *met wat voorbehoud	Algebra/getaltheorie s (Bosma & Top)
		Geschiedenis van de wiskunde s (Daems & Wepster)	Geschiedenis van de wiskunde s (Daems & Wepster)
		Analyse s (Hulshof & Wiegerinck)	Toegepaste Integraalrekening s (Hulshof & Wiegerinck)
		Numerieke Methoden en Optimaliseren s (Anthonissen & ten Thije Boonkkamp)	Numerieke Methoden en Optimaliseren s (Anthonissen & ten Thije Boonkkamp)
Multidisciplinary		Forensic probability and statistics f (Meester & Slooten)	Quantum Computing (NEW)
		Quantum Computing s (de Wolf)	
		Topology in Physics s (Posthuma & Vonk)	