Time	Monday			Tuesday			Wednesday			Thursday			Friday			Time
	Lecturer	Course	Room	Lecturer	Course	Room	Lecturer	Course	Room	Lecturer	Course	Room	Lecturer	Course	Room	
08:00 - 09:30				Jochen Steil	4215052: Basics Machine Learning (Lecture)	SN 19.3	Sebastian Stiller	1295006: Algorithms and Complexity for Quantum Computing (Exercise)	PK 14.315	Matthias Bollhöfer	1298018: Advanced Practical Course Numerics (Lecture)	UP 2.316a	Wolf-Tilo Balke Sandro Schulze tba	4299019: Ramp up Course Computer Science (Lecture)	PK 4.1	08:00 - 09:30
													Jochen Steil	4215053: Basics Machine Learning (Exercise)	SN 19.4	
													Volker Bach	1294103: Introduction to Quantum Information Theory (Lecture)	PK 14.315	
09:45 - 11:15				Matthias Bollhöfer Jens-Peter Kreiß Dirk Lorenz Nicole Mücke Sevastian Stiller Timo de Wolff Christian Kirches	1294081: Ramp up Course Mathematics (Lecture)	SN 19.3	Wolf-Tilo Balke	4214043: Information Retrieval und Web Search Engines (Lecture)	IZ 161	Sebastian Stiller	1296084: Optimization in Machine Learning and Data Analysis 1 (Lecture)	UP 2.316a	Wolf-Tilo Balke Sandro Schulze tba	4299020: Ramp up Course Computer Science (Exercise)	PK 4.1	09:45 - 11:15
				Sebastian Stiller	1295005: Algorithms and Complexity for Quantum Computing (Lecture)	PK 14.315	Dirk Lorenz	1298054: Mathematical Image Processing (Lecture)	UP 2.314	Dirk Lorenz	1295012: Inverse Problems (Lecture)	PK 14.315	Sandro Schulze	4220048: Software Quality (Exercise)	tba	
										Martin Eisemann	4216037: Computer Vision and Machine Learning (Exercise)	IZ 160	Sebastian Stiller	1296083: Optimization in Machine Learning and Data Analysis 1 (Exercise)	PK 14.315	
													Imke Joormann	1213043: Discrete Optimization (Exercise)	RR 58.3	
11:30 - 13:00	Dirk Lorenz	1298054: Mathematical Image Processing (Lecture)	PK 14.315	Imke Joormann	1213006: Discrete Optimization (Lecture)	RR 58.3	Sándor Fekete	4227048: Approximation Algorithms (Exercise)	SN 19.4	Imke Joormann	1213006: Discrete Optimization (Lecture)	RR 58.3	Timo de Wolff	1295010: Nonnegativity and Polynomial Optimization (Exercise)	UP 2.314	11:30 - 13:00
				Christian Kirches Sebastian Stiller	1297007: Advanced Practical Course Optimization (Exercise)	UP 2.617		1297007: Advanced Practical Course Optimization (Exercise)	UP 2.617	Christian Kirches Sebastian Stiller	1297007: Advanced Practical Course Optimization (Exercise)	UP 2.617				
							Wolf-Tilo Balke	4214044: Information Retrieval und Web Search Engines (Exercise) (up to 12:15)	IZ 161							
13:15 - 14:45	Christian Kirches Sebastian Stiller	1297006: Advanced Practical Course Optimization (Lecture)	PK 14.315	Matthias Bollhöfer Jens-Peter Kreiß Dirk Lorenz Nicole Mücke Sevastian Stiller Timo de Wolff Christian Kirches	1294082: Ramp up Course Mathematics (Exercise)	SN 19.3				Matthias Bollhöfer Jens-Peter Kreiß Dirk Lorenz Nicole Mücke Sevastian Stiller Timo de Wolff Christian Kirches	1294081: Ramp up Course Mathematics (Lecture)	PK 4.1	Jens-Peter Kreiß	1299226: Risk and Extreme Value Theory (Exercise)	SN 19.2	13:15 - 14:45
				Timo de Wolff	1295009: Nonnegativity and Polynomial Optimization (Lecture)	UP 2.314				Timo de Wolff	1295009: Nonnegativity and Polynomial Optimization (Lecture/Exercise)	UP 2.314				
				Martin Eisemann	4216036: Computer Vision and Machine Learning (Lecture)	IZ 160				Matthias Bollhöfer	1298019: Advanced Practical Course Numerics (Exercise)	UP 2.617				
										Tim Kacprowski	4217059: Python Lab (Practical training) 14:45-16:45	BRICS 044				
	Timo de Wolff	1295009: Nonnegativity and Polynomial Optimization (Lecture)	UP 2.314	Tim Fingscheidt	2424102: Pattern Recognition (Lecture)	SN 22.1				Sandro Schulze	4220048: Software Quality (Exercise)	tba				
15:00 - 16:30	Wolf-Tilo Balke Sandro Schulze tba	4299019: Ramp up Course Computer Science (Lecture)	PK 4.2	Sándor Fekete	4227048: Approximation Algorithms (Lecture)	SN 19.3	Susana Castillo Alejandre	4216027: Image Aspects (Lecture)	IZ 161	Jens-Peter Kreiß	1299131: Risk and Extreme Value Theory (Lecture)	SN 19.2				15:00 - 16:30
				Volker Bach	1294102: Introduction to Quantum Information Theory (Lecture)	PK 14.315	Imke Joormann	1213006: Discrete Optimization (Lecture)	PK 11.4	Tim Kacprowski	4217059: Python Lab (Practical training) 14:45-16:45	BRICS 044				
16:45 - 18:15	Dirk Lorenz	1295013: Inverse Problems (Exercise)	PK 14.315	Dirk Lorenz	1298055: Mathematical Image Processing (Exercise)	PK 14.513				Tim Kacprowski	4217057: Network Biology (Lecture) *(16:30-18:00)*	BRICS/ 045				16:45 - 18:15
	Tim Kacprowski	4217058: Network Biology (Exercise)	BRICS/ 046													
	Matthias Bollhöfer	1298019: Advanced Practical Course Numerics (Exercise)	UP 2.617													

BRICS: Braunschweig Zentrum für Systembiologie (Rebenring 56), **HPSC:** Hörsaal der Pathologie (Klinikum Celler Straße), **IZ:** Informatikzentrum, **PK:** Pockelsstraße, **SN:** Schleinitzstraße

subject to change!

In this course overview you will find all courses offered in the **summer semester 2023** for the master program Data Science. Further courses such as practical courses, seminars and small exercises, whose dates were not yet fixed at the beginning of the semester, can be found on the respective institute websites. Information on courses not offered by Computer Science or Mathematics (e.g. in the application field) can be found in the electronic course catalog.

Methods and Concepts of Mathematics	Ramp Up Mathematics	Methods and Concepts of Computer Science	Ramp Up Computer Science	Courses from Application field from department Mathematics and Computer Science