Master Data Science Summer Semester 2025

Timetable (complete overview)

Sem.	Monday				Tuesday				Wednesday				Thursday				Friday			
	Lecturer	Course	Form	Place	Lecturer	Course	Form	Place	Lecturer	Course	Form	Place	Lecturer	Course	Form	Place	Lecturer	Course	Form	Place
08:00 to 09:30	Löbel	1116018 - Distribution and population models	L/E	tbd	de Wolff	1295009 - Non-Negativity And Polynomial Optimization	L/E	UP 2.316a		1296916010S - Ramp up Course Mathematics	L/E	SN 19.3	Kahraman	2512005 - Fundamentals of Turbulence Modeling	L/E	H003		1296916010S - Ramp up Course Mathematics	L/E	SN 19.3
									Kowalsky	4312002 - Introduction to Finite Element Methods	L	H003					Balke	4299019 - Ramp up Course Computer Science	L/E	IZ 160
																	Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd
																	Magnor	4216021 - Seminar on Computer Graphics (Master)	S	tbd
09:45 to 11:15	Thüm	4217000002 - Software Product Lines	L/E	IZ 161	Fingscheidt	2424102 - Pattern Recognition	L	SN 22.1	Bauknecht	2512012 - Experimental Fluid Dynamics (Messmethoden in der Strömungsmechanik)	L	tbd		1296063 - Dynamic Optimization/Dynamische Optimierung	L/E	PK 11.4	Balke	4299019 - Ramp up Course Computer Science	L/E	IZ 160
	Löbel	1116018 - Distribution and population models	L/E	tbd	Stiller	1295005 - Algorithms And Complexity For Quantum Computers	L/E	PK 11.4	Stiller	1295005 - Algorithms And Complexity For Quantum Computers	L/E	UP 2.318 (ehemals PK 14.315)	Kahraman	2512005 - Fundamentals of Turbulence Modeling	L/E	H003	Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd
	Fingscheidt	2424001 - Digital Signal Processing	L	SN 22.2						1296063 - Dynamic Optimization/Dynamische Optimierung	L/E	PK 11.4	Kacprowski	4217000000 - Scientific and Method-Oriented Working	I	tbd	de Wolff	1295009 - Non-Negativity And Polynomial Optimization	L/E	UP 2.316a
																	Mücke	1296916030 Introduction into Statistical Learning Theory	L/E	UP 2.317 (ehemals SR
																	Magnor	4216021 - Seminar on Computer Graphics (Master)	S	tbd
11:30 to 13:00	Löbel	1116018 - Distribution and population models	L/E	tbd					Bauknecht	2512012 - Experimental Fluid Dynamics (Messmethoden in der Strömungsmechanik)	L	H003	Kahraman	2512005 - Fundamentals of Turbulence Modeling	L/E	H003	Bach	1294543 - Introduction to Quantum Information Theory	L/E	UP 2.315 (ehemals PK 14.315)
	Takushige	1296000423 - The Mathematics of Data Science	L/E	PK 11.5	Walter	1413092 - Biomolecular Modeling	L	HR 30.0264	Jonswieck	2424115 - Network Information Theory	L	SN 22.2	de Wolff	1295009 - Non-Negativity And Polynomial Optimization	L/E	UP 2.316a	Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd
					Jonswieck	2424116 - Network Information Theory	E	SN 22.2												
					Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd	Magnor	4216021 - Seminar on Computer Graphics (Master)	S	tbd	Castillo	4216036 - Computer Vision und Machine Learning	L	IZ 161				
					Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd					Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd				
13:15 to 14:45					Castillo	4216036 - Computer Vision und Machine Learning	L	IZ 160	Magnor	4216021 - Seminar on Computer Graphics (Master)	S	tbd	Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd				
	1296916010S - Ramp up Course Mathematics		L/E	SN 19.3	Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd	Fingscheidt	2424067 - Digital Signal Processing	E	SN 22.2					Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd
					Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd	Merkert/Stiller	1296000837 - Master-Seminar Optimization	S	UP 2.318 (ehemals PK 14.315)								
					Besserve	4229000009 Machine Learning for Data Science	L/E	UP 3.007	Mücke	1296916030 Introduction into Statistical Learning Theory	L/E	UP 2.317 (ehemals SR								
									Ahlergott	2216006 - Master-Seminar Law (Civil Law)	L	BI 84.2								
									Besserve	4229000009 Machine Learning for Data Science	L/E	SN 22.1								
15:00 to 16:30	Balke	4299019 - Ramp up Course Computer Science	L/E	IZ 160	Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd	Meyer	4212054 - Seminar in Theoretical Computer Science Master	S	IZ 358	Ferraro	2518000002 – Fundamentals of High-Performance Computing for CFD simulations	L/E	tbd	- 1615044 – Immune Metabolism (Bio-BB 31) (PrE) - 4216021 – Seminar on Computer Graphics (Master) (S) - 4217064 – Seminar Data Science in Biomedicine (M.Sc.) (S) - 2424102 - Pattern Recognition (E) - 2518000002 – Fundamentals of High-Performance Computing for CFD simulations			
	Bach	1294543 - Introduction to Quantum Information Theory	L/E	UP 2.315 (ehemals PK 14.315)		1296063 - Dynamic Optimization/Dynamische Optimierung	L/E	PK 11.4	Mücke	1296000843 - Master-Seminar Statistical Machine Learning	S	PK 11.4	Kacprowski	4217059 - Python Lab	I	tbd				
	Takushige	1296000423 - The Mathematics of Data Science	L/E	PK 11.4	Fallbender/Ballhüter	1296000836 - Master-Seminar Numerics	S	UP 2.313 (ehemals	Jahnel	1296000841 - Master-Seminar Mathematical Stochastics	S	UP 2.313 (ehemals	Kacprowski	4217064 - Seminar Data Science in Biomedicine (Master)	S	tbd				
									Thüm	4217000002 - Software Product Lines	L/E	IZ 161								
																	Eisemann	4216032 - Seminar Computer Vision (Master)	S	tbd
16:45 to 18:15	Kacprowski	4217057 - Network Biology	L	SN 23.2					Meyer	4212054 - Seminar in Theoretical Computer Science Master	S	IZ 358	Krautwald	4320021 - Seminar in Coastal Engineering	S	tbd				
									Hiller	1615043 - Immune Metabolism (Bio-BB 31)	S	BRICS 040	Kacprowski	4217057 - Network Biology	L	SN 23.2				
18:30 to 20:00									Hiller	1615043 - Immune Metabolism (Bio-BB 31)	S	BRICS 040								

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

In this course overview you will find all courses offered in the **summer semester 2025** 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	Methods and Concepts of Computer Science	Ramp Up Computer Science	Ramp up Mathematics	Key Qualifications
				Courses from Application field from department Mathematics and Computer Science