Course Overview — Master Program Data Science, Winter Semester 2022/2023

Time	Day	Lecturer	Course	Room
08:00 - 09:30	Wednesday	S. Schulze	Software Architecture (exercise) (4220007)	IZ 161
08:00 - 09:30	Thursday	J-P. Kreiß	Advanced Computerlab - Statistical Learning (exercise) (1294075)	UP 2.617
08:00 - 09:30	Friday	W-T. Balke, S. Schulze, tba	Ramp Up Course Computer Science (L) (4299019)	PK 4.1
09:45 - 11:15	Monday	C. Kirches	Dynamic Optimization (L) (1296063)	PK 11.4
09:45 - 11:15	Monday	V. Bach	Mathematical Foundations of Information Theory and Coding Theory (exercise) (1294121)	PK 14.315
09:45 - 11:15	Tuesday	P. Keldenich	Mathematical Methods of Algorithms (L) (4227005)	SN. 19.4
09:45 - 11:15	Tuesday	Y.Kinderknecht	Statistical methods: Optimality and high dimensionality (L) (1210052)	PK 11.4
09:45 - 11:15	Tuesday	W-T.Balke	Data Warehousing and Data-Mining Techniques (L) (4214051)	IZ 161
09:45 - 11:15	Tuesday	M. Eisemann	Seminar Computer Vision (seminar) (4216032)	Mühlenpfordtstraße 23 4103
09:45 - 11:15	Tuesday	T. Deserno	Health-enabling technologies A (L) (4217156)	IZ 404
09:45 - 11:15	Wednesday	P. Keldenich	Mathematical Methods of Algorithms (exercise) (4227006)	PK 3.1
09:45 - 11:15	Wednesday	Y.Kinderknecht	Statistical methods: Optimality and high dimensionality (L) (1210052)	PK 11.4
09:45 - 11:15	Wednesday	T. Deserno	Biomedical Image and Signal Analysis (L) (4217036)	IZ 404
09:45 - 11:15	Thursday	M. Bollhöfer, C. Kirches, J-P. Kreiß, D. Lorenz, N. Mücke, S. Stiller, T. de Wolff	Ramp Up Course Mathematics (L) (1294081)	PK 11.4
09:45 - 11:15	Thursday	T. Deserno	Methodology in Clinical Research (L) (4217026)	IZ 404
09:45 - 11:15	Friday	W-T. Balke, S. Schulze, tba	Ramp Up Course Computer Science (exercise) (4299020)	PK 4.1
09:45 - 11:15	Friday	J. Schwartze	Smart Living (exercise) (4217068)	IZ 404
11:30 - 13:00	Tuesday	W-T.Balke	Data Warehousing and Data-Mining Techniques (exercise) (4214052)	IZ 161
11:30 - 13:00	Tuesday	V. Bach	Mathematical Foundations of Information Theory and Coding Theory (L) (1294120)	PK 14.513
11:30 - 13:00	Tuesday	M.Bollhöfer, H.Faßbender	Master seminar numerical analysis (seminar) (1299241)	PK 14.315
11:30 - 13:00	Tuesday	M. Eisemann	Seminar Computer Vision (seminar) (4216032)	Mühlenpfordtstraße 23 4103
11:30 - 13:00	Tuesday	T. Deserno	Health-enabling technologies A (exercise) (4217157)	IZ 404
11:30 - 13:00	Wednesday	S. Schulze	Software Architecture (L) (4220006)	IZ 160
11:30 - 13:00	Wednesday	M. Bollhöfer, C. Kirches, J-P. Kreiß, D. Lorenz, N. Mücke, S. Stiller, T. de Wolff	Ramp Up Course Mathematics (L) (1294081)	RR 58.3
11:30 - 13:00	Wednesday	S. Castillo Alejandre	Visualization Techniques (L) (4216030)	IZ 161
11:30 - 13:00	Wednesday	T. Deserno	Biomedical Image and Signal Analysis (exercise) (4217037)	IZ 443
11:30 - 13:00	Thursday	T. Deserno	Methodology in Clinical Research (exercise) (4217031)	IZ 443
11:30 - 13:00	Friday	K. Khazhgali	Machine learning with neural networks (small exercise) (1296094)	PK 14.513
13:15 - 14:45	Monday	M. Bollhöfer, C. Kirches, J-P. Kreiß, D. Lorenz, N. Mücke, S. Stiller, T. de Wolff	Ramp Up Course Mathematics (exercise) (1294082)	PK 11.4
13:15 - 14:45	Monday	T. Fingscheidt	Pattern Recognition (L) (2424102)	SN 22.1
13:15 - 14:45	Monday	K. Khazhgali	Machine learning with neural networks (L) (1296093)	UP 2.314
13:15 - 14:45	Tuesday	Y.Kinderknecht	Statistical methods: Optimality and high dimensionality (exercise) (1210053)	PK 11.4
13:15 - 14:45	Wednesday	L. Kleist	Graphs, Geometry and Algorithms (L) (4227078)	tba
13:15 - 14:45	Thursday	C. Kirches	Dynamic Optimization (L) (1296063)	PK 11.4
13:15 - 14:45	Thursday	S. Fekete	Computational Geometry (small exercise) (4227058)	PK 3.1
13:15 - 14:45	Thursday	N. Mücke	Mathematical Foundations of Data Science (L) (1294079)	PK 14.513
13:15 - 14:45	Friday	N. Mücke	Mathematical Foundations of Data Science (exercise) (1294080)	PK 14.513
15:00 - 16:30	Monday	W-T. Balke, S. Schulze, tba	Ramp Up Course Computer Science (L) (4299019)	PK 4.1
15:00 - 16:30	Monday	J-P. Kreiß	Advanced Computerlab - Statistical Learning (L) (1294074)	UP 2.314
15:00 - 16:30	Tuesday	W-T. Balke	Seminar Databases and information systems (seminar) (4214061)	Mühlenpfordtstraße 23 4103
15:00 - 16:30	Tuesday	S. Fekete	Computational Geometry (L) (4227056)	IZ 305
15:00 - 16:30	Wednesday	N. Mücke	Mathematical Foundations of Data Science (L) (1294079)	PK 14.513
15:00 - 16:30	Wednesday	H-C. Schmidt am Busch, N. Karafyllis	Ethics and Epistemology (seminar) (4411516)	(online)
15:00 - 16:30	Wednesday	L. Kleist	Graphs, Geometry and Algorithms (L) (4227079)	tba
15:00 - 16:30	Wednesday	P. Keldenich	Mathematical Methods of Algorithms (exercise) (4227017)	IZ 161
15:00 - 16:30	Wednesday	R. Meyer	Seminar in Theoretical Computer Science (seminar) (4212054)	IZ 358
15:00 - 16:30	Thursday	S. Fekete	Computational Geometry (exercise) (4227057)	IZ 160
15:00 - 16:30	Thursday	B. Jahnel	Master seminar mathematical stochastics (seminar) (1214030)	PK 14.513
16:45 - 18:15	Tuesday	J-P. Kreiß	Advanced Computerlab - Statistical Learning (exercise) (1294075)	UP 2.617
16:45 - 18:15	Tuesday	J. Schwartze	Smart Living (L) (4217067)	IZ 404
16:45 - 18:15	Wednesday	R. Meyer	Seminar in Theoretical Computer Science (seminar) (4212054)	IZ 358

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

https://campusplan.tu-braunschweig.de/

subject to change!

In this course overview you will find all courses offered in the **winter semester 2022/2023** 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.

Legend:
- 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
- Mandatory Course