

| 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 | | | | E. Jorswieck | Mathematical Foundations of Information Theory and Coding Theory (L/E) 1296622103 | PK 14.315 | | | | N.N. | Advanced Computerlab Statistical Learning (E) 1296000898 | UP 2.617 | W.-T. Balke, M. Johns, T. Kacprowski, L. Wolf | Ramp up course Computer Science (L/E) 4299019 | PK 4.1 | 08:00 - 09:30 |
| | | | | | | | E. Jorswieck | Mathematical Foundations of Information Theory and Coding Theory (L/E) 1296622103 | UP 2.314 | | | | | | | |
| 09:45 - 11:15 | J. Schwartze | Smart Living (L/E) 4217067 | IZ 404 | M. Merkert, Eva Ley | Discrete Optimization (L/E) 1213006 | UP 2.316a | | | | W.-T. Balke | Data Warehousing and Data-Mining-Techniques (L) 4214051 | IZ 161 | S. Stiller, T. de Wolff, C. Kirches, N. Mücke | Ramp up Course Mathematics (L/E) 12969160103 | SN 19.2 | 09:45 - 11:15 |
| | | | | T. Deserno, J. Warnecke | Health-Enabling Technologies A (L/E) 4217156 | IZ 404 | N.N. | Advanced Computerlab Statistical Learning (L) 1296000897 | PK 14.315 | M. Merkert, E. Ley | Discrete Optimization (L/E) 1213006 | UP 2.316a | W.-T. Balke, M. Johns, T. Kacprowski, L. Wolf | Ramp up course Computer Science (L/E) 4299019 | PK 4.1 | |
| | | | | | | | T. Deserno | Biomedical Image and Signal Analysis (L/E) 4217036 | IZ 404 | | | | | | | |
| | | | | | | | | | | N. Leistner, J. Wolff | Methodology in Clinical Research (L/E) 4217026 | IZ 404 | | | | |
| 11:30 - 13:00 | J. Schwartze | Smart Living (L/E) 4217067 | IZ 443 | | | | S. Stiller, T. de Wolff, C. Kirches, N. Mücke | Ramp up Course Mathematics (L/E) 12969160103 | UP 3.007 | S. Stiller, T. de Wolff, C. Kirches, N. Mücke | Ramp up Course Mathematics (L/E) 12969160103 | PK 4.4 | | | | 11:30 - 13:00 |
| | | | | T. Deserno, J. Warnecke | Health-Enabling Technologies A (L/E) 4217156 | IZ 404 | T. Deserno | Biomedical Image and Signal Analysis (L/E) 4217036 | IZ 443 | W.-T. Balke | 11:30 - 12:15 Data Warehousing and Data-Mining-Techniques (E) 4214051 | IZ 161 | | | | |
| | | | | S. Fekete, P. Kramer | Computational Geometry (Small E) 4227058 | IZ 305 | | | | | Advanced Computerlab Statistical Learning (E) 1296000898 | UP 2.617 | | | | |
| | | | | | | | | | | N. Leistner, J. Wolff | Methodology in Clinical Research (L/E) 4217026 | IZ 443 | | | | |
| 13:15 - 14:45 | T. Fingscheidt | Pattern Recognition (L) 2424102 | SN 22.1 | T. Fingscheidt | Spoken Language Processing (L) 2424087 | SN 22.2 | | | | T. Kacprowski | 14:45 - 16:15 Python Lab (P) 4217059 | BRICS 044 | | | | 13:15 - 14:45 |
| | H.-C. Schmidt am Busch, N. Karafyllis | Ethics and Epistemology (S) 4411516 | online | | | | | | | | | | | | | |
| | C. Kirches | Continuous Optimization in Data Science (L/E) 1296100 | UP 2.314 | | | | L. Kleist | Graphs, Geometry and Algorithms (L/E) 1296100 | IZ 305 | C. Kirches | Continuous Optimization in Data Science (L/E) 1296100 | PK 14.315 | | | | |
| | N.N. | Advanced Computerlab Optimization (L) 1296000891 | PK 14.514 | | | | M. Merkert, E. Ley | Discrete Optimization (L/E) 1213006 | UP 2.314 | E. Jorswieck | Mathematical Foundations of Information Theory and Coding Theory (L/E) 1296622103 | SN 22.2 | | | | |
| 15:00 - 16:30 | W.-T. Balke, M. Johns, T. Kacprowski, L. Wolf | Ramp up course Computer Science (L/E) 4299019 | PK 4.1 | S. Fekete | Computational Geometry (L/E) 4227056 | SN 19.2 | | | | S. Fekete, P. Kramer | Computational Geometry (L/E) 4227056 | PK 3.4 | | | | 15:00 - 16:30 |
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| | | | | | | | C. Bauer, T. de Wolff | Advanced Computerlab Data Sciene (L) 1296000896 | UP 2.617 | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 16:45 - 18:15 | | | | | | | C. Bauer, T. de Wolff | Advanced Computerlab Data Sciene (E) 1296000896 | UP 2.617 | | | | | | | 16:45 - 18:15 |
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BRICS: Braunschweig Zentrum für Systembiologie (Rebenring 56), HPSC: Hörsaal der Pathologie (Klinikum Celler Straße), IZ: Informatikzentrum, PK: Pockelsstraße, SN: Schlieintzstraße <https://campusplan.tu-braunschweig.de/> **subject to change!**

In this course overview you will find all courses offered in the winter semester 2024/2025 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.

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|-------------------------------------|---------------------|--|--------------------------|---|
| 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

