

| 1st Semester (Winter) | 2nd Semester (Summer) | 3rd Semester (Winter) | 4th Semester (Summer) |
|---|--|--|------------------------------|
| Deep Learning (6 ECTS) | Statistical Machine Learning (9 ECTS) | Practical ML (6 ECTS) | Master's Thesis (30 ECTS) |
| Data Literacy (6 ECTS) | | Time Series (or different one from applied ML) (6 ECTS) | |
| Mathematics for ML (9 ECTS) | Probabilistic Inference and Learning (9 ECTS) | Computational Microbiome Analysis (or different one from Bio/Medical) (6 ECTS) | |
| | Neural Data Analysis (6 ECTS) | Medical Data Science (or different one from Bio/Medical) (6 ECTS) | |
| Visualisation of large-scale data (6 ECTS) | Ethics in Science (3 ECTS) | Seminar (3 ECTS) | |
| German as a Foreign Language (3 ECTS) | German as a Foreign Language (3 ECTS) | German as a Foreign Language (3 ECTS) | |

ECTS

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|----------|------------------------------------|----|
| ML-FOUND | Foundations of Machine Learning | 24 |
| ML-TOPIC | Further Topics in Machine Learning | 36 |
| ML-CS | General Computer Science | 18 |
| ML-EXP | Expanded Perspectives | 12 |
| Thesis | Master Thesis | 30 |