

## Master Degree Data Science, Winter Semester 2024/25

### 1. Semester

09.09.2024: 10.00 AM – 12.00 PM Welcome Event, room [C12-3.04](#)

09.09.2024: 2.00 PM – 5.00 PM Precourse Programming (Schwörer), room [C12-3.04](#)

10.09.2024: 9.00 AM – 3.00 PM Precourse Programming (Schwörer), room [C12-3.04](#)

11.09.2024: 9.00 AM – 3.00 PM Precourse Programming (Schwörer), room [C12-3.04](#)

### 16.09. – 27.10.2024 (calendar weeks 38 – 43)

	Monday	Tuesday	Wednesday
Morning	8.30 AM – 11.45 AM Data Management (Prange) <a href="#">O15-3.47</a>	8.30 AM – 11.45 AM Cloud Computing (Prange) <a href="#">O15-3.47</a>	8.30 AM – 11.45 AM Mathematics and Multivariate Statistics 2 (Doerfel) <a href="#">O15-3.47</a>
Afternoon	12.45 PM – 4.00 PM Tools and Programming Languages 1 (Schwörer) <a href="#">O15-3.47</a>	12.45 PM – 4.00 PM Mathematics and Multivariate Statistics 1 (Doerfel) <a href="#">O15-3.47</a>	12.45 PM – 4.00 PM Tools and Programming Languages 2 (Schwörer) <a href="#">O15-3.47</a>

### 28.10. – 08.11.2024 (calendar weeks 44 – 45)

Interdisciplinary Weeks: no Master Data Science lectures will be held during this period

### 9.11. – 20.12.2024 (calendar weeks 46 – 51)

	Monday	Tuesday	Wednesday
Morning	8.30 AM – 11.45 AM Data Management (Prange) <a href="#">O15-3.47</a>	8.30 AM – 11.45 AM Cloud Computing (Prange) <a href="#">O15-3.47</a>	8.30 AM – 11.45 AM Machine Learning 2 (Doerfel) <a href="#">O15-3.47</a>
Afternoon	12.45 PM – 4.00 PM Data Visualization and Visual Analytics 1 (Schwörer) <a href="#">O15-3.47</a>	12.45 PM – 4.00 PM Machine Learning 1 (Doerfel) <a href="#">O15-3.47</a>	12.45 PM – 4.00 PM Data Visualization and Visual Analytics 2 (Schwörer) <a href="#">O15-3.47</a>

19.12.2024: 12.30 PM Informal Semester Closing Event

## 2. Semester

09.09.2024: 5.15 PM – 6.15 PM Application Project Topic Assignment (Schwörer/Doerfel), Zoom

12./13.09.2024: 1 hour per team, Application Project Kickoffs with project partners (Schwörer/Doerfel), Zoom

### 16.09. – 27.10.2024 (calendar weeks 38 – 43)

	Monday	Tuesday	Wednesday
Morning	8.30 AM – 11.45 AM Deep Learning 1 (Doerfel) <a href="#">O15-3.06</a>	8.30 AM – 11.45 AM Application Project (Schwörer/ Doerfel) <a href="#">O15-3.06</a>	8.30 AM – 11.45 AM Social Media Analytics 2 (Schwörer) <a href="#">O15-3.06</a>
Afternoon	12.45 PM – 4.00 PM Big Data Technologies (Prange) <a href="#">O15-3.06</a>	12.45 PM – 4.00 PM Social Media Analytics 1 (Schwörer) <a href="#">O15-3.06</a>	12.45 PM – 4.00 PM Deep Learning 2 (Doerfel) <a href="#">O15-3.06</a>

### 28.10. – 08.11.2024 (calendar weeks 44 – 45)

Interdisciplinary Weeks: no Master Data Science lectures will be held during this period

### 9.11. – 20.12.2024 (calendar weeks 46 – 51)

	Monday	Tuesday	Wednesday
Morning	8.30 AM – 11.45 AM Elective Module Advanced Topics of Data Mining 1 (Doerfel) <a href="#">O15-3.06</a>	8.30 AM – 11.45 AM Application Project (Schwörer/ Doerfel) <a href="#">O15-3.06</a>	8.30 AM – 11.45 AM Elective Module Generative AI 2 (Brede/Klick) <a href="#">O15-3.06</a>
Afternoon	12.45 PM – 4.00 PM Big Data Technologies (Prange) <a href="#">O15-3.06</a>	12.45 PM – 4.00 PM Elective Module Generative AI 1 (Brede/Klick) <a href="#">O15-3.06</a>	12.45 PM – 4.00 PM Elective Module Advanced Topics of Data Mining 2 (Doerfel) <a href="#">O15-3.06</a>

12./13.12.2024: 1 hour per team, AP Final Presentations with project partners (Schwörer/Doerfel), Zoom

19.12.2024: 09.00 AM – 12.00 PM, AP Final Presentations with students (Schwörer/Doerfel), [O15-3.06](#)

19.12.2024: 12.30 PM Informal Semester Closing Event