

**List of Courses Taught in English**
**Department of Mathematics  
Academic Year 2020/21**
**Winter Semester 2020/21**

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
405.950	W	<a href="#">Introduction to Data Science</a>	1	VU	1	<a href="#">Bathke A</a> , <a href="#">Borgelt C</a> , <a href="#">Kwitt R</a> , <a href="#">Trutschnig W</a>	German, English
405.962	W	<a href="#">Case Studies</a>	2	SE	4	<a href="#">Bathke A</a> , <a href="#">Borgelt C</a> , <a href="#">Kwitt R</a> , <a href="#">Trutschnig W</a>	German, English
405.964	W	<a href="#">Interpreting and Presenting Statistical Analyses</a>	2	SE	4	<a href="#">Bathke A</a> , <a href="#">Borgelt C</a> , <a href="#">Galonska T</a> , <a href="#">Kwitt R</a> , <a href="#">Trutschnig W</a>	German, English
405.970	W	<a href="#">Topics in Data Science</a>	1	SE	2	<a href="#">Bathke A</a>	English
405.983	W	<a href="#">Frequent Pattern Mining</a>	3	L	3	<a href="#">Borgelt C</a>	German, English
405.985	W	<a href="#">Deep Learning: Advanced Topics</a>	2	SE	3	<a href="#">Borgelt C</a>	German, English
405.995	W	<a href="#">Internship</a>	0	PF	3	<a href="#">Bathke A</a>	German, English

**Summer Semester 2021**

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
405.960	S	<a href="#">Data and Identity</a>	2	SE	2.5	<a href="#">Bathke A</a> , <a href="#">Kirste S</a> , <a href="#">Menges L</a> , <a href="#">Pintaric D</a>	German, English
405.972	S	<a href="#">Special Topics in Data Science</a>	1	SE	2	<a href="#">Bathke A</a>	English
405.974	S	<a href="#">Artificial Neural Networks and Deep Learning</a>	3	L	3	<a href="#">Borgelt C</a>	German, English
405.977	S	<a href="#">Evolutionary Algorithms and Swarm-based Optimization Methods</a>	2	L	2	<a href="#">Borgelt C</a>	German, English
405.982	S	<a href="#">Advanced Data Challenge</a>	2	SE	4	<a href="#">Borgelt C</a>	German, English

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405.988	S	<a href="#">Ecology and Statistics</a>	2	SE	4	<a href="#">Bathke A</a> , <a href="#">Berninger U</a> , <a href="#">Dunlop J</a> , <a href="#">Habel J</a> , <a href="#">Trutschnig W</a>	English
405.996	S	<a href="#">Internship</a>	0	PF	3	<a href="#">Bathke A</a>	German, English