

Department of Mathematics: courses offered in English in summer semester 2022

Title	Institute	Lecturer	Module ID	Lecture ID	Academic Level	Credits	Department
Inverse Problems	Institute of Analysis and Algebra	Prof. Dr. Lorenz	MAT-STD6-88	MAT-STD6-012 (1295012)	Master	5	Mathematics
Introduction to Quantum Information Theory	Institute of Analysis and Algebra	Prof. Dr. Bach	MAT-STD7-54	MAT-STD7-102 (1294102)	Master	6	Mathematics
Numerical Linear Algebra	Institute for Numerical Analysis	Prof. Dr. Faßbender	MAT-STD6-77	MAT-STD-223 (1299223)	Master	10	Mathematics
Algorithms and complexity for quantum computing	Institute for Mathematical Optimization	Prof. Dr. Stiller	MAT-STD7-48	MAT-STD6-005 (1295005)	Master	5	Mathematics
Discrete Optimization	Institute for Mathematical Optimization	Prof. Dr. Stiller	MAT-STD7-46	MAT-MO-006 (1213006)	Master	10	Mathematics
Reading Course: Multilevel optimization	Institute for Mathematical Optimization	Prof. Dr. Merkert	MAT-STD7-52	MAT-STD7-108 (1294108)	Master	7	Mathematics
Model Order Reduction	Institute for Partial Differential Equations	Prof. Dr. Graessle	MAT-STD7-50	MAT-STD4-002 (1297002)	Master	10	Mathematics
Numerical methods for ordinary and partial differential equations (CSE)	Institute for Partial Differential Equations	Prof. Dr. Graessle	MAT-STD7-04	MAT-STD7-028 (1294028)	Master	5	Mathematics
Mathematics for Engineers B	Institute for Partial Differential Equations	Prof. Dr. Langemann	MAT-STD7-26	MAT-STD7-089 (1294089)	Bachelor	8	Mathematics
Mathematics of Deep Learning	Institute for Mathematical Stochastics	Prof. Dr. Mücke	MAT-STD7-53	MAT-STD7-104 (1294104)	Master	10	Mathematics
Probabilistic methods in telecommunications	Institute for Mathematical Stochastics	Prof. Dr. Jahnel	tba	tba	Master	5	Mathematics