

Minor Mathematical Data Science in AI Master's program

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Modules	ECTS	Semester	Language	Chair
Partial Differential Equations for Life Sciences	5	SoSe	ENG	Applied Mathematics
Mathematical Image Processing	5	SoSe	ENG	Data Science
Optimization for engineers	5	SoSe	ENG	
Topics in Time Series Analysis	5	WS/SoSe	ENG	Mathematical Statistics and Data Science
Lineare und Kombinatorische Optimierung	10	WS	GER	Wirtschaftsinformatik
Nichtlineare Optimierung	10	WS	GER	Mathematische Modellierung
Discrete Optimization I	5	WS	GER/ENG	Optimization under Uncertainty & Data Analysis
Optimization in industry and economy	5	WS	ENG	Optimization under Uncertainty & Data Analysis
Robuste Optimierung 1	5	SoSe	GER	Optimization under Uncertainty & Data Analysis
Robuste Optimierung 2 (Robust optimization 2)	5	SoSe	ENG	Optimization under Uncertainty & Data Analysis