

CMS-COR-MLD Machine Learning and Data Mining			Responsible Lecturer:			Prof. Dr. Björn Andres		M1107-CMS11
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Machine Learning 1	INF	Björn Andres Holger Heidrich	2V/2Ü	englisch	Winter	Björn Andres	Module Examination: Written Examination 90 min/ Oral Assessment 30 min < 10 St.	K1107-MA0060

CMS-COR-HPC Parallel Programming and High-Performance Computing				Responsible Lecturer:			Prof. Dr. Wolfgang Nagel	M1102-CMS12
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
High Performance Computing	INF	Wolfgang Nagel Robert Schöne	2V/2Ü	englisch	Winter	Wolfgang Nagel Robert Schöne	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1102-MA0002

CMS-COR-NUM Basic Numerical Methods		Responsible Lecturer:			Prof. Dr. Ivo F. Sbalzarini		M1107-CMS13	
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Basic Numerical Methods	INF	Nandu Gopan	2V/2Ü	englisch	Winter	Nandu Gopan	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1107-MA0017

CMS-COR-SAP Stochastics and Probability				Responsible Lecturer:		Prof. Dr. Ivo F. Sbalzarini		M1107-CMS14
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Stochastic Modeling and Simulation	INF	Christoph Zechner Nandu Gopan	2V/2Ü	englisch	Winter	Christoph Zechner Nandu Gopan	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1107-MA0002

CMS-COR-VIZ Data Visualization		Responsible Lecturer:		Prof. Dr. Stefan Gumhold		M1104-CMS15		
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Data Visualization	INF	Raimund Dachzelt Stefan Gumhold Annett Mitschick Tom Horak	2V/2Ü	englisch	Winter	Raimund Dachzelt Stefan Gumhold	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1104-CMS03

CMS-COR-SED Statistical Principles and Experimental Design				Responsible Lecturer:		Prof. Dr. med. Ingo Röder	M1100-CMS116	
Wahlpflichtmodul in der Grundlagenausbildung und Pflichtmodul im Track CLS								
Elective Compulsory Modul of the Basic Education and Compulsory Module for Track CLS								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Statistical Principles and Experimental Design	MED	Ingo Röder Anna Klimova Matthias Kuhn	2V/2Ü	english	Winter	Ingo Röder Anna Klimova	Exam Preparation: 9 Exercise tests Written examination 90 min/Oral Assessment 30 min < 10 St.	K9601-11001

CMS-COR-FAI Foundations of Artificial Intelligence			Responsible Lecturer:		Prof. Dr. Markus Krötzsch		M1101-CMS117	
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Advanced Problem Solving and Search	INF	Lucía Gómez Álvarez	2V/2Ü	englisch	Winter	Lucía Gómez Álvarez Sebastian Rudolph	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1107-MA0056

CMS-COR-KM Knowledge Models			Responsible Lecturer:		Prof. Dr. Markus Krötzsch			M1101-CMS118
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Knowledge Graphs	INF	Markus Krötzsch Maximilian Marx	2V/2Ü	englisch	Winter	Markus Krötzsch	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1101-MA0024

CMS-COR-DBM Database Management			Responsible Lecturer:			Prof. Dr. Wolfgang Lehner		M1106-CMS119
Wahlpflichtmodul Grundlagenausbildung/Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Scalable Data Engineering (SDE)	INF	Wolfgang Lehner Claudio Hartmann	2V/2Ü	englisch	Winter	Wolfgang Lehner Dirk Habich	Module Examination: Written Examination 90 min/Oral Assessment 30 min < 10 St.	K1106-MA0023

CMS-COR-SSE Scientific Software Engineering				Responsible Lecturer:	Prof. Dr. Uwe Aßmann			M1106-CMS120
Wahlpflichtmodul Grundlagenausbildung/ Elective Compulsory Modul of the Basic Education								
Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Course number Selma
Design Patterns and Frameworks	INF	Sebastian Götz	2V/2Ü	englisch	Winter	Uwe Aßmann Sebastian Götz	Module Examination: Written Examination 90 min/Oral Assessment 15 min < 20 St.	K1104-MA0020