

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	english	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
Parallel Programming and High-Performance Computing	INF	Wolfgang Nagel Robert Schöne	2V/2Ü	english	Winter	Nagel	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	Ivo Sbalzarini	2V/2Ü	english	Winter	Sbalzarini	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	Ivo Sbalzarini Christoph Zechner	2V/2Ü	english	Winter	Sbalzarini	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	2V/2Ü	german/english	Winter	Dachzelt 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-CMS161	
Wahlpflichtmodul in der Grundlagenausbildung und Pflichtmodul im Track CLS								
Elective Compulsory Modul of the Basic Education and Compulsory Module for Track CLS								PO 2020
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	Röder	Exam Preparation: 9 Exercise tests Written examination 90 min/Oral Assessment 30 min < 10 St.	K9601-11001
CMS-COR-SED Statistical Principles and Experimental Design			Responsible Lecturer:		Prof. Dr. med. Ingo Röder		M1100-CMS16	
Wahlpflichtmodul in der Grundlagenausbildung und Pflichtmodul im Track CLS								
Elective Compulsory Modul of the Basic Education and Compulsory Module for Track CLS								PO 2018
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	Röder	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
Problem Solving and Search in Artificial Intelligence	INF	Lucía Gómez Álvarez Sarah Alice Gaggli	2V/2Ü	english	Winter	Lucía Gómez Álvarez	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	english	Winter	Markus Krötzsch	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
Transactional Information Systems	INF	Wolfgang Lehner Dirk Habich	2V/2Ü	english	Winter	Wolfgang Lehner Dirk Habich	Written examination 90 min/Oral Assessment 30 min < 10 St.	K1106-MA0020

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	Uwe Aßmann Sebastian Götz	2V/2Ü	english	Winter	Uwe Aßmann Sebastian Götz	Written examination 90 min/Oral Assessment 15 min < 20 St.	K1104-MA0020