

CMS-SEM Literature Studies in Computational Modeling			Responsible Lecturer:	Prof. Dr. Ivo F. Sbalzarini			M1107-CMS03				
Katalogmodul (Soll: 4 SWS = 2 Seminare)			Compulsory Module with Electives Catalogue (Setpoint: 4 SWS = 2 Seminars)								
Eine Lehrveranstaltung des Katalogs CMS-SEM kann nicht gewählt werden, wenn diese bereits in einem anderen Pflichtmodul mit wahlpflichtigem Inhalt bzw. in einem Wahlpflichtmodul der Grundlagenausbildung im Masterstudiengang Computational Modeling and Simulation gewählt wurde.											
Please note that any seminar of the catalogue CMS-SEM cannot be selected if it has been already selected for another CMS-module.											
Die Modulnote ergibt sich aus dem ungewichteten Durchschnitt der Noten der Prüfungsleistungen. The module score is the unweighted average of the grades earned in the individual graded pieces of work.											
Nr.	Course title	Faculty	Lecturer	SWS effort	Language	Semester	Examiner	Examination performance	Duration	Course number Selma	Maximum
1	Main Seminar Computer Graphics and Visualization	Faculty of Computer Science	Stefan Gumhold	2 SWS Seminar	German/English	Summer	Stefan Gumhold	1. Seminar Paper 2. Presentation		K1104-AQ0005S	
2	Seminar Computational Life Science	Faculty of Computer Science	Ivo Sbalzarini	2 SWS Seminar	English	Summer	Ivo Sbalzarini	Oral Presentation	20 min	K1107-MA0042S	max. 30 Teilnehmer
3	Seminar Data-Aware Processes	Faculty of Computer Science	Markus Kröttsch Stephan Mennicke	2 SWS Seminar	English	Summer	Markus Kröttsch	1. Seminar Paper 2. Presentation		K1101-MA0030S	
4	Seminar Selected Topics in Logic and Verification	Faculty of Computer Science	Christel Baier Sascha Klüppelholz	2 SWS Seminar	English	every	Christel Baier Sascha Klüppelholz	1. Seminar Paper 2. Presentation		K1101-MA0021S	
5	Seminar Logic-Based Knowledge Representation	Faculty of Computer Science	Sebastian Rudolph	2 SWS Seminar	English	Summer	Sebastian Rudolph	1. Seminar Paper 2. Presentation		K1107-MA0027S	
6	Seminar Theoretical Computer Science	Faculty of Computer Science	Franz Baader Anni-Yasmin Turhan	2 SWS Seminar	English	every	Franz Baader Anni-Yasmin Turhan	1. Seminar Paper 2. Presentation		K1101-MA0013S	
7	Main Seminar Immersive Media	Faculty of Computer Science	Matthew McGinity	2 SWS Seminar	English	every	Matthew McGinity	Seminar Paper		K1104-MA0006S	
8	Seminar Knowledge Representation and Reasoning	Faculty of Computer Science	Steffen Hölldobler	2 SWS Seminar	English	every	Steffen Hölldobler	Presentation	30 min	K1107-MA0004S	
9	Seminar Mathematical Biology	Faculty of Computer Science	Andreas Deutsch Lutz Brusch	2 SWS Seminar	English	Summer	Andreas Deutsch Lutz Brusch	Oral Presentation	30 min	K1102-ZIH001S	
10	Computational Mathematics Seminar	Faculty of Mathematics	Axel Voigt	2 SWS Seminar	English	Summer	Axel Voigt	Presentation	45 min	K0100-EX468xS	
11	Seminar Computational Engineering	Faculty of Mechanical Science and Engineering	Micha Schuster	2 SWS Seminar	English	Summer	Michael Beitel Schmidt Jochen Fröhlich Jordi Ventosa Molina Thomas Wallmersperger Markus Kästner Marco Rossi Marreddy Ambati Volker Quarz	Presentation	20 min	K1301-EX3050S	
12	Case Studies in Energy Economics	Faculty of Business and Economics	Dominik Möst Christoph Zöphel	2 SWS Seminar	English	Summer	Dominik Möst	1. Seminar Paper 60 Hours 2. Oral Presentation 30 min		K1001-EXM040S	

13	Literaturanalyse zu aktuellen Fragestellungen der Energiewirtschaft / Literature Studies of topics of interest in Energy Economics	Faculty of Business and Economics	Dominik Möst Constantin Dierstein Dirk Hladik	2 SWS Seminar	English	Winter	Dominik Möst	1. Seminar Paper 90 Hours 2. ungraded Oral Presentation 30 min		K1001-14M054S	
14	Seminar Computer Vision 2	Faculty of Computer Science	Björn Andres	2 SWS Seminar	englisch	Sommer	Björn Andres	Oral Presentation	30 min	DK1100-MA012	max. 40 Teilnehmer
15	Seminar Machine Learning 2	Faculty of Computer Science	Björn Andres	2 SWS Seminar	englisch	Sommer	Björn Andres	Oral Presentation	30 min	DK1100-MA022	max. 30 Teilnehmer