



## FachgutachterInnen für Anerkennungen Masterstudium Computational Social Systems

Modul	Lehrveranstaltungstitel	Typ	ECTS	FachgutachterIn (StellvertreterIn)
<b>1</b>	<b>Introduction to Computational Social Systems</b>		<b>42</b>	
<b>Module 1.1</b>	<b>General Introduction to Computational Social Systems</b>		<b>15</b>	
	Introduction to Computational Social Systems	VU	5	Thalmann
	Foundations of Computational Social Systems	VU	5	Lex, TU Graz
	Research Design	VO	5	Thalmann
<b>Module 1.2</b>	<b>Introduction to Business Analytics for students with Computer Science background</b>		<b>12</b>	
	Introduction to Business Administration for Computer Scientists	KS	4	Thalmann
	Masterkurs Accounting	VO	4	Niemann (Rünger)
	Masterkurs Finance	VO	4	Schertler (Fischer)
	Masterkurs Marketing	VO	4	Hurtak (Schaffer)
	Masterkurs Produktion und Logistik	VO	4	Reimann
	Masterkurs Management	VO	4	Zotter
<b>Module 1.3</b>	<b>Introduction to Societies, Technologies and Social Research for students with Computer Science background</b>		<b>mind. 12</b>	
	Einführung in die Soziologie	VO	3	Haring-Mosbacher
	Introduction to Empirical Social Research	VO	3	Haring-Mosbacher
	Ausgewählte LV aus „Social Analysis“	VU/KS	0-8	Haring-Mosbacher
	Ausgewählte LV aus „Empirical Social Research“	VU/KS	0-10	Haring-Mosbacher
	Ausgewählte LV aus „Core Areas of Sociology“	VU/KS	0-8	Haring-Mosbacher
<b>Module 1.4</b>	<b>Introduction to Human Factors for students with Computer Science background</b>		<b>mind. 12</b>	
	Introduction to Psychology I	VU	3	Maia de Oliveira Wood
	Introduction to Psychology II	VU	3	Maia de Oliveira Wood
	Ausgewählte LV aus „Topics in Psychology of Human Factors I“	SE/VO/ VU	3-4	Maia de Oliveira Wood
	Ausgewählte LV aus „Topics in Psychology of Human Factors II“	SE/VO/ VU	6-8	Maia de Oliveira Wood
<b>Module 1.5</b>	<b>Introduction to Law and Computer Science for students with Computer Science background</b>		<b>12</b>	
	Introduction to Law	VU	1,5	Wendland
	Computer Ethics	VU	3	Wendland
	Technical Standards and Law	VO	5	Wendland
	Legal Databases	KS	2,5	Wendland
<b>Module 1.6</b>	<b>Introduction to Computer Science for students with background in Business Administration, Law, Sociology, Psychology and comparable</b>		<b>12,5</b>	
	Informatik 1	VU	4	Lex, TU Graz
	Datenbanken	VU	3	Lex, TU Graz
	Computational Methods for Statistics	VU	2,5	Lex, TU Graz
	Introduction to Data Science and Artificial Intelligence	VU	3	Lex, TU Graz

	Design your own App	VU	3	Lex, TU Graz
<b>Module 1.7</b>	<b>Joint module Computational Social Systems</b>		<b>15</b>	
	Computational Modeling of Social Systems	VU	4,5	Lex, TU Graz
	Knowledge Discovery and Data Mining 1	VO	3	Lex, TU Graz
	Knowledge Discovery and Data Mining 1	KU	1,5	Lex, TU Graz
	Introduction to IT Law	VO	3	Wendland
	Social Aspects of Digital Technologies: Gender, Diversity and Research Ethics	VU	3	Haring-Mosbacher
<b>2</b>	<b>Specialisations</b>			
<b>2.A</b>	<b>Specialisation in Business Analytics</b>		<b>42</b>	
<b>Module 2.A.1</b>	<b>Business Analytics</b>		<b>12</b>	
	Data-Driven Business Model Seminar	PS	4	Thalmann
	Data Science in Business 1	PS	4	Thalmann
	Data Science in Business 2	PS	4	Thalmann
<b>Module 2.A.2</b>	<b>Elective Module Business Analytics</b>		<b>mind. 12</b>	
	Business Intelligence and Analytics	PS	4	Thalmann
	Data Management for Business Analytics	PS	4	Thalmann
	Data-Driven Decision Support	PS	4	Thalmann
	Aus den Speziellen Betriebswirtschaftslehren ist ein Modul zu wählen (4 Proseminare im Umfang von 16 ECTS).			
	Betriebswirtschaftliche Steuerlehre	PS	16	Rechbauer (Rünger)
	Controlling	PS	16	Mandl (Beinsen)
	Unternehmensrechnung und Wirtschaftsprüfung	PS	16	Königsmaier (Ewert)
	Financial Reporting	PS	16	Schneider
	Corporate Finance	PS	16	Sommersguter-Reichmann und Palan
	Finanzintermediation	PS	16	Schertler (Mestel)
	Investments	PS	16	Rauch (Mestel)
	Marketing in Consumer Markets	PS	16	Kreimer
	Marketing in Business Markets	PS	16	Hurtak (Schaffer)
	Marketing in the Services Industry	PS	16	Kreimer
	Operations Research	PS	16	Pferschy
	Produktion und Logistik	PS	16	Greistorfer
	Closed-loop Supply Chain/Sustainable Operations	PS	16	Reimann
	Personalpolitik und Führung	PS	16	Ortlieb
	Internationales Management	PS	16	Fuchs
	Unternehmensführung und Entrepreneurship	PS	16	Rybnicek
	Organisation und Institutionenökonomik	PS	16	Krickl (Zotter)
	Wirtschaftsethik und betriebliches Verantwortungsmanagement	PS	16	Ungericht
<b>Module 2.A.3</b>	<b>Computer Science for Business Analytics</b>		<b>mind. 11</b>	
	Visual Analytics	VU	5	Lex, TU Graz
	Information Visualisation	VU	5	Lex, TU Graz
	Knowledge Discovery and Data Mining 2	VU	5	Lex, TU Graz
	Recommender Systems	VU	3	Lex, TU Graz
	Network Science	VU	5	Lex, TU Graz
	Social Media Technologies	VU	3	Lex, TU Graz
	Introduction to International Entrepreneurship	VU	5	Lex, TU Graz
	Information Search and Retrieval	VU	5	Lex, TU Graz
	Configuration Systems	VU	3	Lex, TU Graz
	Softwareentwicklungsprozess	VO	1,5	Lex, TU Graz
	Advanced Information Retrieval	VU	5	Lex, TU Graz
	Data Analysis and Introduction to R	VO	3	Lex, TU Graz
	Data Analysis and Introduction to R	UE	2	Lex, TU Graz

	Data Structures and Algorithms 1	VO	3	Lex, TU Graz
	Data Structures and Algorithms 1	UE	1,5	Lex, TU Graz
	Machine Learning 1	VO	3	Lex, TU Graz
	Machine Learning 1	UE	1,5	Lex, TU Graz
	Designing Interactive Systems	VU	3	Lex, TU Graz
	Secure Product Lifecycle	VO	3	Lex, TU Graz
	Secure Product Lifecycle	KU	2	Lex, TU Graz
<b>2.B</b>	<b>Specialisation in Societies, Technologies and Social Research</b>		<b>42</b>	
<b>Module 2.B.1</b>	<b>Societies, Technologies and Social Research</b>		<b>10</b>	
	Research Seminar	KS	6	Haring-Mosbacher
	Culture, Social Change, Technology	KS	4	Haring-Mosbacher
<b>Module 2.B.2</b>	<b>Societies, Technologies and Social Research</b>		<b>mind. 12</b>	
	Ausgewählte LV aus „Advanced empirical Social Research“	KS/VU	0-21	Haring-Mosbacher
	Ausgewählte LV aus „Special Topics in Sociology“	SE/KS/VU	0-21	Haring-Mosbacher
	Ausgewählte LV aus „Science and Technology Studies“	VO/UE/SE	0-21	Haring-Mosbacher
<b>Module 2.B.3</b>	<b>Computer Science for Societies, Technologies and Social Research</b>		<b>mind. 11</b>	
	Machine Learning 1	VO	3	Lex, TU Graz
	Machine Learning 1	UE	1,5	Lex, TU Graz
	Data Structures and Algorithms 1	VO	3	Lex, TU Graz
	Data Structures and Algorithms 1	UE	1,5	Lex, TU Graz
	Knowledge Discovery and Data Mining 2	VU	5	Lex, TU Graz
	Natural Language Processing	VU	5	Lex, TU Graz
	Recommender Systems	VU	3	Lex, TU Graz
	Data Analysis and Introduction to R	VO	3	Lex, TU Graz
	Data Analysis and Introduction to R	UE	2	Lex, TU Graz
	Seminar Data Science	SE	5	Lex, TU Graz
	Information Search and Retrieval	VU	5	Lex, TU Graz
	Network Science	VU	5	Lex, TU Graz
	Visual Analytics	VU	5	Lex, TU Graz
	Social Media Technologies	VU	3	Lex, TU Graz
	Advanced Information Retrieval	VU	5	Lex, TU Graz
	Secure Product Lifecycle	VO	3	Lex, TU Graz
	Secure Product Lifecycle	KU	2	Lex, TU Graz
<b>2.C</b>	<b>Specialisation in Human Factors</b>		<b>42</b>	
<b>Module 2.C.1</b>	<b>Human Factors Basics</b>		<b>10</b>	
	Topics in cognitive psychology	VU	3	Maia de Oliveira Wood
	Designing Interactive Systems	VU	3	Maia de Oliveira Wood
	Advanced Seminar (Decision making)	SE	4	Maia de Oliveira Wood
<b>Module 2.C.2</b>	<b>Psychology of Human Factors</b>		<b>mind. 11</b>	
	Empirical seminar	SE	5	Maia de Oliveira Wood
	Ausgewählte LV aus „Modeling of complex Systems“	VO/VU/SE	0-8	Maia de Oliveira Wood
	Ausgewählte LV aus „Topics in Robotics“	VO/SE	0-7	Maia de Oliveira Wood
	Ausgewählte LV aus „Quantitative research Methods“	VO/VU/SE/PS	0-8	Maia de Oliveira Wood
	Ausgewählte LV aus „Special Topics in Psychology of Human Factors“	VO/VU/SE	0-12	Maia de Oliveira Wood
<b>Module 2.C.3</b>	<b>Computer Science for Human Factors</b>		<b>mind. 11</b>	
	Human Factors lab	SE	5	Lex, TU Graz
	Human Computer Interaction	VU	4,5	Lex, TU Graz

	Evaluation Methodology	VU	3	Lex, TU Graz
	User Interfaces	VU	2	Lex, TU Graz
	Intelligent User Interfaces	VU	5	Lex, TU Graz
	Visual Analytics	VU	5	Lex, TU Graz
	Information Visualisation	VU	5	Lex, TU Graz
	Game Design and Development I	VU	5	Lex, TU Graz
	Wearable Computing	VU	5	Lex, TU Graz
	Methods of functional brain research	VO	3	Lex, TU Graz
	Cognitive Neuroscience	VO	3	Lex, TU Graz
	Data Analysis and Introduction to R	VO	3	Lex, TU Graz
	Data Analysis and Introduction to R	UE	2	Lex, TU Graz
	Information Search and Retrieval	VU	5	Lex, TU Graz
	Advanced Information Retrieval	VU	5	Lex, TU Graz
	Machine Learning 1	VO	3	Lex, TU Graz
	Machine Learning 1	UE	1,5	Lex, TU Graz
	Network Science	VU	5	Lex, TU Graz
	Natural Language Processing	VU	5	Lex, TU Graz
	Knowledge Discovery and Data Mining 2	VU	5	Lex, TU Graz
	Secure Product Lifecycle	VO	3	Lex, TU Graz
	Secure Product Lifecycle	KU	2	Lex, TU Graz
<b>2.D</b>	<b>Specialisation in Law and Computer Science</b>		<b>42</b>	
<b>Module 2.D.1</b>	<b>Fundamental Rights and the Data Economy</b>		<b>mind. 10</b>	
	Special Topics in Law and Computer Science 1	SE/KS	5	Wendland
	Special Topics in Law and Computer Science 2	SE/KS	5	Wendland
	Special Topics in Law and Computer Science 3	SE/KS	5	Wendland
	Special Topics in Law and Computer Science 4	SE/KS	5	Wendland
	Special Topics in Law and Computer Science 5	SE/KS	5	Wendland
	Special Topics in Law and Computer Science 6	VO	1,5	Wendland
<b>Module 2.D.2</b>	<b>Computer Science for Law and Computer Science</b>		<b>mind. 10</b>	
	Data Analysis and Introduction to R	VO	3	Lex, TU Graz
	Data Analysis and Introduction to R	UE	2	Lex, TU Graz
	Information Security	VO	4	Lex, TU Graz
	Information Security	KU	3	Lex, TU Graz
	Data Structures and Algorithms 1	VO	3	Lex, TU Graz
	Data Structures and Algorithms 1	UE	1,5	Lex, TU Graz
	Machine Learning 1	VO	3	Lex, TU Graz
	Machine Learning 1	UE	1,5	Lex, TU Graz
	Visual Analytics	VU	5	Lex, TU Graz
	Knowledge Discovery and Data Mining 2	VU	5	Lex, TU Graz
	Recommender Systems	VU	3	Lex, TU Graz
	Grundlagen der Artificial Intelligence und Logik	VU	3	Lex, TU Graz
	Information Search and Retrieval	VU	5	Lex, TU Graz
	Social Media Technologies	VU	3	Lex, TU Graz
	Advanced Information Retrieval	VU	5	Lex, TU Graz
	Natural Language Processing	VU	5	Lex, TU Graz
	Network Science	VU	5	Lex, TU Graz
<b>Module 2.D.3</b>	<b>Law by Design</b>		<b>14</b>	
	Legal Lab 1	SE	6	Wendland
	Legal Lab 2	SE	8	Wendland