

Master in Computer Science**Major: Computational Engineering**

326295	KV	Parallel Computing	3	Schreiner Wolfgang, Zoitl Alois	[EN]
366008	KV	Hardware Design	3	Große Daniel, Klemmer Lucas	[EN]
326046	VL	Computer Algebra for Concrete Mathematics	2	Schneider Carsten	[EN]
338046	PR	Project in Computational Engineering	5	Seidl Martina	[EN]
510202	PR	Project in Computational Engineering	5	Rabiser Rick, Zoitl Alois	[EN]
336005	SE	Seminar in Computational Engineering	2	Hillmich Stefan, Ploier Alexander	[EN]
336052	SE	Seminar in Computational Engineering	2	Küng Richard, Hillmich Stefan	[EN]

Major: Intelligent Information Systems

351023	KV	Integrated Information Systems	2	Wöß Wolfram	[EN]
344086	VL	Learning from User-generated Data	2	Schedl Markus	[EN]
344087	UE	Learning from User-generated Data	1	Lesota Oleg	[EN]
344088	UE	Learning from User-generated Data	1	Lesota Oleg	[EN]
344089	UE	Learning from User-generated Data	1	Lesota Oleg	[EN]
367107	KV	Web Information Systems	3	Retschitzegger Werner, Kapsammer Elisabeth	[EN]
573004	KV	Accessible Software and Web Design	1	Miesenberger Klaus, Koutny Reinhard	[EN]
351033	PR	Project in Intelligent Information Systems	5	Pröll Birgit	[EN]
367200	PR	Project in Intelligent Information Systems	5	Retschitzegger Werner	[EN]
573036	PR	Project in Intelligent Information Systems	5	Miesenberger Klaus	[EN]
351031	SE	Seminar in Intelligent Information Systems	2	Wöß Wolfram	[EN]
351032	SE	Seminar in Intelligent Information Systems	2	Pröll Birgit	[EN]
367112	SE	Seminar in Intelligent Information Systems	2	Retschitzegger Werner, Kapsammer Elisabeth	[EN]
573026	SE	Seminar in Intelligent Information Systems	2	Miesenberger Klaus, Koutny Reinhard	[EN]

Major: Networks and Security

353077	KV	Systems Security	2	Lins Mario	[EN]
353064	KV	Secure Code	1	Dorfmeister Daniel	[EN]
353084	KV	Network Management	2	Höller Tobias, Sonntag Michael	[EN]
353088	KV	Network Security	1	Horacek Jan	[EN]
344016	KV	Cryptography	2	Scharinger Josef	[EN]
351027	KV	Security Models in Information Systems	2	Küng Josef	[EN]
344051	PR	Project in Networks and Security	5	, Primus Paul	[EN]
353093	PR	Project in Networks and Security	5	Mayrhofer Rene, Sonntag Michael, Rass Stefan	[EN]
510503	SE	Seminar in Networks and Security	2	Rass Stefan, Goman Maksim	[EN]

Major: Pervasive Computing

367077	KV	Principles of Interaction	3	Kotsis Gabriele, Grill Thomas	[EN]
344090	VL	Machine Learning and Pattern Classification	2	Widmer Gerhard, Schlüter Jan	[EN]

	344091	UE	Machine Learning and Pattern Classification	1	Hoedt Katharina	[EN]
	344092	UE	Machine Learning and Pattern Classification	1	Hoedt Katharina	[EN]
	344093	UE	Machine Learning and Pattern Classification	1	Primus Paul	[EN]
	344094	UE	Machine Learning and Pattern Classification	1	Schmid Florian	[EN]
	340030	PR	Project in Pervasive Computing	5	Ferscha Alois	[EN]
	367032	PR	Project in Pervasive Computing	5	Hummel Karin Anna, Khalil Ismail, Kotsis Gabriele	[EN]
	340040	SE	Seminar in Pervasive Computing	2	Ferscha Alois	[EN]
	367006	SE	Seminar in Pervasive Computing	2	Hummel Karin Anna, Kotsis Gabriele	[EN]
Major: Software Engineering						
	259022	KV	Software Architectures	3	Weinreich Rainer, Wimmer Manuel	[EN]
	343008	KV	Model-driven Engineering	2	Egyed Alexander, Guez Assuncao Wesley Klewerton	[EN]
	259019	KV	Software Testing	2	Plösch Reinhold, Ramler Rudolf	[EN]
	343007	KV	Software Processes and Tools	2	Grünbacher Paul	[EN]
	339018	PR	Project in Software Engineering	5	Weninger Markus	[EN]
	343005	PR	Project in Software Engineering	5	Egyed Alexander, Grünbacher Paul	[EN]
	367035	PR	Project in Software Engineering	5	Kotsis Gabriele	[EN]
	367202	PR	Project in Software Engineering	5	Retschitzegger Werner	[EN]
	510209	PR	Project in Software Engineering	5	Rabiser Rick, Feichtinger Kevin, Zoitl Alois	[EN]
	339377	SE	Seminar in Software Engineering	2	Weninger Markus	[EN]
	343006	SE	Seminar in Software Engineering	2	Guez Assuncao Wesley Klewerton, Marchezan de Paula Luciano	[EN]
Major: Data Science						
	238241	KV	Statistical Principles of Data Science	3	, Wang Yuexuan, Xu Yuehao	[EN]
	238241	KV	Statistical Principles of Data Science	3	Futschik Andreas	[EN]
	351050	KV	Big Data Management and Processing	2	Pröll Birgit, Küng Josef, Retschitzegger Werner	[EN]
	351008	KV	Computational Data Analytics	2	Fürnkranz Johannes	[EN]
	344061	PR	Project in Data Science	5	Peter Silvan	[EN]
	351071	PR	Project in Data Science	5	Fürnkranz Johannes, Küng Josef, Pröll Birgit, Wöß Wolfram	[EN]
	367201	PR	Project in Data Science	5	Retschitzegger Werner	[EN]
	344059	SE	Seminar in Data Science	2	Cancino Chacon Carlos Eduardo, Peter Silvan	[EN]
	351007	SE	Seminar in Data Science	2	Fürnkranz Johannes	[EN]
Electives						
General Electives						
	364009	VO	Information Displays	2	Bimber Oliver	[EN]
	364029	KV	Information Visualization	3	Streit Marc, Steinparz Christian, Hinterreiter Andreas	[EN]
	344010	KV	Digitale Bildverarbeitung	2	Scharinger Josef	[DE]
	351026	KV	Application Oriented Knowledge Processing	2	Küng Josef	[EN]
	351044	PR	Computational Data Analytics	1	Huynh Van Quoc	[EN]

351024	KV	Conceptual Data Modeling	2	Wöß Wolfram	[EN]
351025	KV	Semantic Data Modeling and Applications	2	Wöß Wolfram	[EN]
351028	KV	Web Search and Mining	2	Pröll Birgit	[EN]
353018	KV	Advanced Operating Systems	2	Mayrhofer Rene, Sonntag Michael	[EN]
510519	KV	Cloud Security	2	Rass Stefan	[EN]
353061	KV	Introduction to Linux	1	Höller Tobias	[DE]
353070	KV	Web Security	2	Sonntag Michael	[EN]
343350	KV	Engineering of AI-intensive Systems	2	Guez Assuncao Wesley Klewerton, Egyed Alexander	[EN]
343354	KV	Product Line Engineering	2	Rabiser Rick, Feichtinger Kevin	[EN]
365078	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas	[EN]
365095	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas	[EN]
365097	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas	[EN]
365223	UE	Machine Learning: Unsupervised Techniques	1	, Adler Thomas	[EN]
365274	UE	Machine Learning: Unsupervised Techniques	1	Sestak Florian	[EN]
365275	UE	Machine Learning: Unsupervised Techniques	1	Sestak Florian	[EN]
365293	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas	[EN]
365294	UE	Machine Learning: Unsupervised Techniques	1	, Adler Thomas	[EN]
365077	VL	Machine Learning: Unsupervised Techniques	2	Hochreiter Sepp	[EN]
365042	UE	Theoretical Concepts of Machine Learning	1	Radler Andreas	[EN]
365100	UE	Theoretical Concepts of Machine Learning	1	Radler Andreas	[EN]
365244	UE	Theoretical Concepts of Machine Learning	1	Radler Andreas	[EN]
365245	UE	Theoretical Concepts of Machine Learning	1	Radler Andreas	[EN]
365041	VO	Theoretical Concepts of Machine Learning	2	Bitto-Nemling Angela	[EN]
356190	VL	Computational Geometry	2	Jüttler Bert	[DE]
356191	UE	Computational Geometry	1	Groiss Lisa	[DE]
326047	UE	Computer Algebra for Concrete Mathematics	1	Radu Silviu	[EN]
3260FS	VL	Formal Semantics of Programming Languages	2	Schreiner Wolfgang	[EN]
326065	VL	Rewriting in Computer Science and Logic	2	Kutsia Teimuraz	[EN]
338021	KV	SAT Solving	2	Seidl Martina, Rebola Pardo Adrian	[EN]
339406	KV	Advanced Compiler Construction	2	Mössenböck Hanspeter	[EN]
238251	KV	Verallgemeinerte Lineare Modelle	2	Waldl Helmut	[DE]
367100	KV	Big Data Engineering	2	Retschitzegger Werner, Kapsammer Elisabeth	[EN]
367156	KV	Modeling Internet Applications	2	Schwinger Wieland	[EN]
536027	KV	Gender Studies Managing Equality TN	2	Dobusch Laura	[EN]
536020	VO	Ethics and Gender Studies	2	Ernst Waltraud	[EN]
536026	KS	Soziale und geschlechterspezifische Aspekte der IT	2	Ruiz Ben Esther	[DE]
510518	KV	Advanced Cryptology	2	Rass Stefan	[EN]

Special Topics

339342	KV	Dynamic Compilation and Run-time Optimization in Virtual Mach	1	Wirth Christian, Leopoldseder David	[EN]
339350	KV	Semantics of Programming Languages	1	Steingartner William	[EN]
353019	KV	Next-Generation Firewalls	1	Horacek Jan	[EN]
353032	KV	Mobile Netze	1	Ostermayer Gerald	[DE]
353033	KV	Network Anonymity	1	Höller Tobias	[EN]
364650	UE	Visual Data Science Journal Club	1	Hinterreiter Andreas	[EN]
336004	KV	Quantum Algorithms, Error Correction and Foundations	2	Küng Richard	[EN]
339344	KV	Formal Specification of Software	2	Lightfoot David	[EN]
339352	KV	Functional Programming in Scala and Java	2	Prähofer Herbert, Fried Alexander	[EN]
344032	KV	Audio and Music Processing	2	Schlüter Jan	[EN]
344058	KV	Machine Learning and Audio: a challenge	2	Primus Paul, Schmid Florian	[EN]
351039	KV	Graph Databases	2	Küng Josef	[EN]
510504	KV	Decision Making in Security	2	Goman Maksim	[EN]
510522	KV	Security Infrastructures	2	Rass Stefan, Goman Maksim	[EN]
531705	KV	Digitale Bildung & Computational Thinking	2	Sabitzer Barbara, Schmidthaler Eva	[DE]
3260VR	VL	Formale Modelle Paralleler und Verteilter Systeme	2	Schreiner Wolfgang	[EN]
353057	VL	Patente und Schutzrechte für Ingenieure	2	Sonntag Michael	[DE]
344052	KV	Multimedia Data Mining	3	Schedl Markus	[EN]
344063	KV	Natural Language Processing with Deep Learning	3	Rekabsaz Navid	[EN]
364501	KV	Games User Research	3	Dormann Claire	[EN]

Seminars (see Major Subjects)**Master's Thesis Seminars**

336056	SE	Institut f. Integrierte Schaltungen	3	Ostermann Timm, Küng Richard, Burgholzer Lukas, Pretl Harald	[EN]
338032	SE	Inst.f.Symbolic Artificial Intelligence	3	Seidl Martina	[EN]
339506	SE	Inst.f.Systemsoftware	3	Mössenböck Hanspeter, Prähofer Herbert	[EN]
340021	SE	Inst.f.Pervasive Computing	3	Ferscha Alois	[EN]
343004	SE	Inst.f.Software Systems Engineering	3	Egyed Alexander, Grünbacher Paul	[EN]
344012	SE	Inst.f.Comp.Perception	3	Widmer Gerhard, Scharinger Josef	[EN]
351030	SE	Inst.f.Anwendungsor. Wissensverarb.	3	Fürnkranz Johannes, Küng Josef, Pröll Birgit, Wöß Wolfram	[EN]
353095	SE	Institut für Netzwerke und Sicherheit	3	Mayrhofer Rene, Sonntag Michael, Rass Stefan	[EN]
364001	SE	Institut für Computergrafik	3	Streit Marc, Bimber Oliver, Wallner Günter	[EN]
366004	SE	Institut für Complex Systems	3	Große Daniel, Ruep Katharina	[EN]
367013	SE	Inst.f.Telekooperation	3	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail	[EN]

367161 SE **Abt. für Koop. Informationssysteme**
510207 SE **LIT Cyber-Physical Systems Lab**

3 Retschitzegger Werner, Schwinger Wieland
3 Rabiser Rick, Zoitl Alois

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