

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

326295	KV	Parallel Computing	3	Schreiner Wolfgang, Zoitl Alois
336001	KV	Hardware Design	3	Große Daniel, Burgholzer Lukas, Klemmer Lucas, Fink Gerold
336050	PR	Project in Computational Engineering	5	Ostermann Timm, Hillmich Stefan, Pretl Harald
338046	PR	Project in Computational Engineering	5	Seidl Martina
510202	PR	Project in Computational Engineering	5	Zoitl Alois, Rabiser Rick
336052	SE	Seminar in Computational Engineering	2	Küng Richard, Hillmich Stefan
366001	SE	Seminar in Computational Engineering	2	Große Daniel, Ruep Katharina

Major: Intelligent Information Systems

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

Major: Networks and Security

353077	KV	Systems Security	2	Höller Tobias
353064	KV	Secure Code	1	Schwaighofer Martin
353084	KV	Network Management	2	Hörmanseder Rudolf, Höller Tobias
353088	KV	Network Security	1	Horacek Jan, Mayrhofer Rene
344016	KV	Cryptography	2	Scharinger Josef
351027	KV	Security Models in Information Systems	2	Küng Josef
344051	PR	Project in Networks and Security	5	Scharinger Josef
353093	PR	Project in Networks and Security	5	Mayrhofer Rene, Rass Stefan
367033	PR	Project in Networks and Security	5	Kotsis Gabriele

Major: Pervasive Computing

367077	KV	Principles of Interaction	3	Kotsis Gabriele, Grill Thomas
367072	KV	Principles of Cooperation	3	Kotsis Gabriele, Khalil Ismail

344090	VL	Machine Learning and Pattern Classification	2	Widmer Gerhard
344091	UE	Machine Learning and Pattern Classification	1	N.N. N.N.
344092	UE	Machine Learning and Pattern Classification	1	N.N. N.N.
344093	UE	Machine Learning and Pattern Classification	1	Primus Paul
344094	UE	Machine Learning and Pattern Classification	1	Cancino Chacon Carlos Eduardo
340030	PR	Project in Pervasive Computing	5	Ferscha Alois
364032	PR	Project in Pervasive Computing	5	Streit Marc
367032	PR	Project in Pervasive Computing	5	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail
340040	SE	Seminar in Pervasive Computing	2	Ferscha Alois
367006	SE	Seminar in Pervasive Computing	2	Hummel Karin Anna, Kotsis Gabriele
Major: Software Engineering				
259022	KV	Software Architectures	3	Weinreich Rainer, Wimmer Manuel
343008	KV	Model-driven Engineering	2	Egyed Alexander, Guez Assuncao Wesley Klewerton
259019	KV	Software Testing	2	Plösch Reinhold, Ramler Rudolf
343007	KV	Software Processes and Tools	2	Grünbacher Paul
339018	PR	Project in Software Engineering	5	Weninger Markus
343005	PR	Project in Software Engineering	5	Egyed Alexander, Grünbacher Paul
367035	PR	Project in Software Engineering	5	Kotsis Gabriele
367202	PR	Project in Software Engineering	5	Retschitzegger Werner
510209	PR	Project in Software Engineering	5	Rabiser Rick, Zoitl Alois
339377	SE	Seminar in Software Engineering	2	Weninger Markus
343006	SE	Seminar in Software Engineering	2	Guez Assuncao Wesley Klewerton, Marchezan de Paula Luciano
Major: Data Science				
351050	KV	Big Data Management and Processing	2	Pröll Birgit, Küng Josef, Retschitzegger Werner
351008	KV	Computational Data Analytics	2	Fürnkranz Johannes
344061	PR	Project in Data Science	5	Peter Silvan
351071	PR	Project in Data Science	5	Fürnkranz Johannes, Küng Josef, Pröll Birgit, Wöß Wolfram
367201	PR	Project in Data Science	5	Retschitzegger Werner
344059	SE	Seminar in Data Science	2	Cancino Chacon Carlos Eduardo, Peter Silvan
351007	SE	Seminar in Data Science	2	Fürnkranz Johannes
Electives				
General Electives				
364009	VO	Information Displays	2	Bimber Oliver
364029	KV	Information Visualization	3	Streit Marc, Adelberger Patrick, Eckelt Klaus
344010	KV	Digitale Bildverarbeitung	2	Scharinger Josef
351026	KV	Application Oriented Knowledge Processing	2	Küng Josef
351044	PR	Computational Data Analytics	1	Huynh Van Quoc

351024	KV	Conceptual Data Modeling	2	Wöß Wolfram
351025	KV	Semantic Data Modeling and Applications	2	Wöß Wolfram
351028	KV	Web Search and Mining	2	Pröll Birgit
338007	KV	Debugging	2	Seidl Martina
353018	KV	Advanced Operating Systems	2	Mayrhofer Rene, Sonntag Michael
353061	KV	Introduction to Linux	1	Höller Tobias
353070	KV	Web Security	2	Sonntag Michael
353029	KV	Wireless LANs	1	Praher-Köppl Christian
343350	KV	Engineering of Software-intensive Systems	2	Guez Assuncao Wesley Klewerton, Egyed Alexander
343354	KV	Product Line Engineering	2	Rabiser Rick, Feichtinger Kevin
365078	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas
365095	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas
365097	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas
365223	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas
365274	UE	Machine Learning: Unsupervised Techniques	1	Renz Philipp
365275	UE	Machine Learning: Unsupervised Techniques	1	Renz Philipp
365077	VL	Machine Learning: Unsupervised Techniques	2	Hochreiter Sepp
326047	UE	Computer Algebra for Concrete Mathematics	1	Radu Silviu
338021	KV	SAT Solving	2	Seidl Martina
238351	KV	Verallgemeinerte Lineare Modelle	2	Wagner Helga
367100	KV	Big Data Engineering	2	Retschitzegger Werner, Kapsammer Elisabeth
367156	KV	Modeling Internet Applications	2	Schwinger Wieland
536027	KV	Gender Studies Managing Equality TN	2	N.N. N.N.
536020	VO	Ethics and Gender Studies	2	Ernst Waltraud
536026	KS	Soziale und geschlechterspezifische Aspekte der IT	2	Allhutter Doris

Special Topics

339341	KV	Software Development with C#	1	Mössenböck Hanspeter
339342	KV	Dynamic Compilation and Run-time Optimization in Virtual Machines	1	Wirth Christian, Leopoldseder David
339350	KV	Semantics of Programming Languages	1	Steingartner William
353032	KV	Mobile Netze	1	Ostermayer Gerald

338005	KV	QBF Solving	2	Seidl Martina
339344	KV	Formal Specification of Software	2	Lightfoot David
339352	KV	Functional Programming in Scala and Java	2	Prähofer Herbert, Fried Alexander
344032	KV	Audio and Music Processing	2	Kelz Rainer
344058	KV	Machine Learning and Audio: a challenge	2	Primus Paul, Kelz Rainer
351039	KV	Graph Databases	2	Küng Josef
367019	KV	Mobile Web Development	2	Khalil Ismail
510501	KV	Advanced Cryptography	2	Rass Stefan
531705	KV	Digitale Bildung & Computational Thinking	2	Sabitzer Barbara, Rottenhofer Marina
3260AD	VL	Einführung in paralleles und verteiltes Rechnen	2	Schreiner Wolfgang
3260VR	VL	Formale Spezifikation Abstrakter Datentypen	2	Schreiner Wolfgang
353057	VL	Patente und Schutzrechte für Ingenieure	2	Sonntag Michael
344052	KV	Multimedia Data Mining	3	Schedl Markus
344063	KV	Natural Language Processing with Deep Learning	3	Rekabsaz Navid
344084	KV	Affective Computing	3	Parada-Cabaleiro Emilia
510104	KV	Praxisseminar "User Research": Forschungsdesign, Versuchsleitung und Auswer	3	Schreibelmayr Simon
510102	SE	Team Roboter-Kompetenzen & Methoden f. interdisziplinäre Zusammenarbeit	2	Meyer Kathrin, Mara Martina

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

336056	SE	Institut f. Integrierte Schaltungen	3	Ostermann Timm, Burgholzer Lukas, Pretl Harald
338032	SE	Inst.f.Symbolic Artificial Intelligence	3	Seidl Martina
339506	SE	Inst.f.Systemsoftware	3	Mössenböck Hanspeter, Prähofer Herbert
340021	SE	Inst.f.Pervasive Computing	3	Ferscha Alois
343004	SE	Inst.f.Software Systems Engineering	3	Egyed Alexander, Grünbacher Paul
344012	SE	Inst.f.Comp.Perception	3	Widmer Gerhard, Scharinger Josef
351030	SE	Inst.f.Anwendungsor. Wissensverarb.	3	Fürnkranz Johannes, Küng Josef, Pröll Birgit, Wöß Wolfram
353095	SE	Institut für Netzwerke und Sicherheit	3	Mayrhofer Rene, Sonntag Michael
364001	SE	Institut für Computergrafik	3	Streit Marc, Kobler Erich, Bimber Oliver, Wallner Günter
365080	SE	Institut für Machine Learning	3	Hochreiter Sepp, Klambauer Günter
366004	SE	Institut für Complex Systems	3	Große Daniel
367013	SE	Inst.f.Telekooperation	3	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail
367161	SE	Abt. für Koop. Informationssysteme	3	Retschitzegger Werner
510207	SE	LIT Cyber-Physical Systems Lab	3	Zoittl Alois, Rabiser Rick
573012	SE	Institut Integriert Studieren	3	Miesenberger Klaus