

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]
336050	PR	Project in Computational Engineering	5	Ostermann Timm, Küng Richard, Kofler Johannes	[EN]
338046	PR	Project in Computational Engineering	5	Seidl Martina	[EN]
510202	PR	Project in Computational Engineering	5	Rabiser Rick, Zoitl Alois	[EN]
336052	SE	Seminar in Computational Engineering	2	Küng Richard	[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, N.N. N.N., 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]
344039	SE	Seminar in Intelligent Information Systems	2	Peter Silvan, Cancino Chacon Carlos Eduardo	[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	Kapsammer Elisabeth, Retschitzegger Werner	[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	Sonntag Michael, Bauer Franz Josef, Roland Michael, Mayrhofer Rene	[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]
367033	PR	Project in Networks and Security	5	Kotsis Gabriele	[EN]
510503	SE	Seminar in Networks and Security	2	Rass Stefan	[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	[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]
344097	UE	Machine Learning and Pattern Classification	1	Primus Paul	[EN]
344098	UE	Machine Learning and Pattern Classification	1	Praher Verena	[EN]
340030	PR	Project in Pervasive Computing	5	Ferscha Alois	[EN]
364058	PR	Project in Pervasive Computing	5	Bimber Oliver, Streit Marc, Wallner Günter	[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]
364053	SE	Seminar in Pervasive Computing	2	Bimber Oliver, Streit Marc, Wallner Günter	[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, Marchezan de Paula Luciano	[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, Zoitl Alois	[EN]
339377	SE	Seminar in Software Engineering	2	Weninger Markus	[EN]
343006	SE	Seminar in Software Engineering	2	Marchezan de Paula Luciano, Ratiu Cosmina-Cristina	[EN]

Major: Data Science

238241	KV	Statistical Principles of Data Science	3	Waldl Helmut, Chen Haoyu	[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, Kapsammer Elisabeth	[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

364046	VO	Information Displays	2	Bimber Oliver	[EN]
364047	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]
338007	KV	Debugging	2	Seidl Martina, Heisinger Maximilian, Heisinger Simone, Froleys Nils	[EN]
510519	KV	Cloud Security	2	Rass Stefan	[EN]
353061	KV	Introduction to Linux	1	N.N. N.N.	[DE]
353070	KV	Web Security	2	Sonntag Michael	[EN]
343350	KV	Engineering of AI-intensive Systems	2	Marchezan de Paula Luciano, Egyed Alexander	[EN]
343354	KV	Product Line Engineering	2	Rabiser Rick	[EN]
365078	UE	Machine Learning: Unsupervised Techniques	1	Lin Wei	[EN]
365095	UE	Machine Learning: Unsupervised Techniques	1	Lin Wei	[EN]
365097	UE	Machine Learning: Unsupervised Techniques	1	Lin Wei	[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]
365317	UE	Machine Learning: Unsupervised Techniques	1	Lin Wei	[EN]
365318	UE	Machine Learning: Unsupervised Techniques	1	Adler Thomas	[EN]
365328	UE	Machine Learning: Unsupervised Techniques	1	N.N. N.N.	[EN]
365329	UE	Machine Learning: Unsupervised Techniques	1	N.N. N.N.	[EN]
365077	VL	Machine Learning: Unsupervised Techniques	2	Hochreiter Sepp	[EN]
365042	UE	Theoretical Concepts of Machine Learning	1	Brandstetter Johannes	[EN]
365100	UE	Theoretical Concepts of Machine Learning	1	Brandstetter Johannes	[EN]
365244	UE	Theoretical Concepts of Machine Learning	1	N.N. N.N.	[EN]
365245	UE	Theoretical Concepts of Machine Learning	1	, N.N. N.N.	[EN]
365319	UE	Theoretical Concepts of Machine Learning	1	N.N. N.N.	[EN]
365320	UE	Theoretical Concepts of Machine Learning	1	N.N. N.N.	[EN]
365041	VO	Theoretical Concepts of Machine Learning	2	Brandstetter Johannes	[EN]
326047	UE	Computer Algebra for Concrete Mathematics	1	, Banerjee Koustav	[EN]

338021	KV	SAT Solving	2	Seidl Martina, Rebola Pardo Adrian	[EN]
238351	KV	Verallgemeinerte Lineare Modelle	2	Wagner Helga	[DE]
367100	KV	Big Data Engineering	2	Retschitzegger Werner, N.N. N.N., Kapsammer Elisabeth	[EN]
367156	KV	Modeling Internet Applications	2	Schwinger Wieland	[EN]
536027	KV	Gender Studies Managing Equality TN	2	Allhutter Doris	[EN]
536020	VO	Ethics and Gender Studies	2	Ernst Waltraud	[EN]
536026	KS	Soziale und geschlechterspezifische Aspekte der IT	2	Allhutter Doris	[DE]

Special Topics

339341	KV	Software Development with C#	1	Mössenböck Hanspeter	[EN]
339342	KV	Dynamic Compilation and Run-time Optimization in Virtual Mach	1	Wirth Christian, Mosaner Raphael	[EN]
339350	KV	Semantics of Programming Languages	1	Steingartner William	[EN]
339363	KV	Micro:bit robots - cars, arms and automatic control	1	Kovacs Lehel	[EN]
339364	KV	Introduction to Full Stack Web Development	1	Weninger Markus	[EN]
339365	KV	Parallel and Ansynchronous Programming with .NET	1	Birngruber Dietrich	[EN]
353019	KV	Next-Generation Firewalls	1	Horacek Jan	[EN]
353029	KV	Wireless LANs	1	Praher-Köppl Christian	[EN]
353032	KV	Mobile Netze	1	Ostermayer Gerald	[DE]
364600	UE	Visual Data Science Journal Club	1	Streit Marc, Hinterreiter Andreas	[EN]
336005	KV	Special Topics	2	Kofler Johannes	[DE]
339344	KV	Formal Specification of Software	2	Lightfoot David	[EN]
339352	KV	Functional Programming in 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]
367020	KV	Wireless Networks	2	Hummel Karin Anna	[EN]
510522	KV	Security Infrastructures	2	Rass Stefan, Goman Maksim	[EN]
531705	KV	Digitale Bildung & Computational Thinking	2	Sabitzer Barbara, Dormann Claire	[DE]
3260AD	VL	Einführung in paralleles und verteiltes Rechnen	2	Schreiner Wolfgang	[EN]
3260VR	VL	Formale Spezifikation Abstrakter Datentypen	2	Schreiner Wolfgang	[EN]
353057	VL	Patente und Schutzrechte für Ingenieure	2	Sonntag Michael	[DE]
344052	KV	Multimedia Data Mining	3	Schedl Markus, Nawaz Shah	[EN]
364501	KV	Games User Research	3	Dormann Claire	[EN]
336007	SE	Special Topics	2	Kofler Johannes	[DE]

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

336056	SE	Institut f. Integrierte Schaltungen	3	Ostermann Timm, Küng Richard, 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]
364062	SE	Institut für Computergrafik	3	Bimber Oliver, Streit Marc, Wallner Günter	[EN]
365080	SE	Institut für Machine Learning	3	Hochreiter Sepp, Klambauer Günter	[EN]
366004	SE	Institut für Complex Systems	3	Große Daniel, Klemmer Lucas	[EN]
367013	SE	Inst.f.Telekooperation	3	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail	[EN]
367161	SE	Abt. für Koop. Informationssysteme	3	Retschitzegger Werner, Schwinger Wieland	[EN]
510207	SE	LIT Cyber-Physical Systems Lab	3	Zoitl Alois, Rabiser Rick	[EN]
573012	SE	Institut Integriert Studieren	3	Miesenberger Klaus	[EN]