

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

336001 KV **Hardware Design**
 342295 KV **Parallel Computing**
 336050 PR **Project in Computational Engineering**
 342241 PR **Project in Computational Engineering**
 510202 PR **Project in Computational Engineering**
 336052 SE **Seminar in Computational Engineering**
 326046 VL **Computer Algebra for Concrete Mathematics**

3 Wille Robert, Pointner Sebastian
 3 Biere Armin, Schreiner Wolfgang
 5 Ostermann Timm, Pretl Harald, Wille Robert
 5 Biere Armin, Kaufmann Daniela
 5 Zoitl Alois, Shakil Muddasir, Wiesmayr Bianca
 2 Wille Robert, Fink Gerold
 2 Schneider Carsten

Major: Intelligent Information Systems

573004 KV **Accessible Software and Web Design**
 351023 KV **Integrated Information Systems**
 344046 KV **Learning from User-generated Data**
 344049 PR **Project in Intelligent Information Systems**
 351033 PR **Project in Intelligent Information Systems**
 367106 PR **Project in Intelligent Information Systems**
 573036 PR **Project in Intelligent Information Systems**
 344039 SE **Seminar in Intelligent Information Systems**
 351031 SE **Seminar in Intelligent Information Systems**
 351032 SE **Seminar in Intelligent Information Systems**
 367112 SE **Seminar in Intelligent Information Systems**
 573026 SE **Seminar in Intelligent Information Systems**
 367107 KV **Web Information Systems**

1 Miesenberger Klaus, Koutny Reinhard
 2 Wöß Wolfram
 3 Schedl Markus
 5 Primus Paul
 5 Pröll Birgit
 5 Retschitzegger Werner, Kapsammer Elisabeth
 5 Miesenberger Klaus, Heumader Peter
 2 Schedl Markus, Bauer Christine
 2 Wöß Wolfram
 2 Pröll Birgit
 2 Retschitzegger Werner, Kapsammer Elisabeth
 2 Miesenberger Klaus, Heumader Peter
 3 Retschitzegger Werner, Kapsammer Elisabeth

Major: Networks and Security

344016 KV **Cryptography**
 353084 KV **Network Management**
 353088 KV **Network Security**
 344051 PR **Project in Networks and Security**
 353093 PR **Project in Networks and Security**
 353064 KV **Secure Code**
 351027 KV **Security Models in Information Systems**
 353077 KV **Systems Security**

2 Scharinger Josef
 2 Hörmanseder Rudolf, Höller Tobias
 1 Hörmanseder Rudolf
 5 Haunschmid Verena
 5 Mayrhofer Rene
 1 Hölzl Michael
 2 Küng Josef
 2 Höller Tobias

Major: Pervasive Computing

344009 KV **Machine Learning and Pattern Classification**
 367071 UE **Principles of Cooperation**
 367070 VL **Principles of Cooperation**

3 Widmer Gerhard
 1 Khalil Ismail
 2 Khalil Ismail

367076	UE	Principles of Interaction	1	Anderst-Kotsis Gabriele, Grill Thomas, Hölzl Gerold, Kranz Matthias, Riemer Andreas
367075	VL	Principles of Interaction	2	Anderst-Kotsis Gabriele, Grill Thomas, Hölzl Gerold, Kranz Matthias, Riemer Andreas
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	Anderst-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, Anderst-Kotsis Gabriele

Major: Software Engineering

343008	KV	Model-driven Engineering	2	Egyed Alexander, N.N. N.N.
339018	PR	Project in Software Engineering	5	Mössenböck Hanspeter
343005	PR	Project in Software Engineering	5	Egyed Alexander, Grünbacher Paul
510209	PR	Project in Software Engineering	5	Rabiser Rick, Feichtinger Kevin, Zoitl Alois
343006	SE	Seminar in Software Engineering	2	Egyed Alexander, N.N. N.N.
259003	KV	Software Architectures	3	Weinreich Rainer, Wimmer Manuel
343007	KV	Software Processes and Tools	2	Grünbacher Paul
259019	KV	Software Testing	2	Plösch Reinhold, Ramler Rudolf

Major: Data Science

238104	KV	Statistical Principles of Data Science	3	Futschik Andreas, Wang Yuexuan, Xu Yuehao
351050	KV	Big Data Management and Processing	2	Pröll Birgit, Küng Josef, Retschitzegger Werner
351008	KV	Computational Data Analytics	2	Fürnkranz Johannes, Beck Florian
344059	SE	Seminar in Data Science	2	Rekabsaz Navid
351007	SE	Seminar in Data Science	2	Fürnkranz Johannes, Beck Florian

Electives**General Electives**

365078	UE	Machine Learning: Unsupervised Techniques	1	Kofler Johannes
365095	UE	Machine Learning: Unsupervised Techniques	1	Kofler Johannes
365077	VL	Machine Learning: Unsupervised Techniques	2	Hochreiter Sepp, Widrich Michael
351026	KV	Application Oriented Knowledge Processing	2	Küng Josef
351024	KV	Conceptual Data Modeling	2	Wöß Wolfram
344010	KV	Digitale Bildverarbeitung	2	Scharinger Josef
343350	KV	Engineering of Software-intensive Systems	2	, Mayr-Dorn Christoph
364009	VO	Information Displays	2	Bimber Oliver
364029	KV	Information Visualization	3	, Eckelt Klaus
367156	KV	Modeling Internet Applications	2	Schwinger Wieland
351025	KV	Semantic Data Modeling and Applications	2	Wöß Wolfram

365042	UE	Theoretical Concepts of Machine Learning	1	Kofler Johannes
365100	UE	Theoretical Concepts of Machine Learning	1	Kofler Johannes
365041	VO	Theoretical Concepts of Machine Learning	2	Nessler Bernhard
351028	KV	Web Search and Mining	2	Pröll Birgit
353029	KV	Wireless LANs	1	Praher-Köppl Christian
536027	KV	Gender Studies Managing Equality TN	2	Bock von Wülfigen Bettina
326047	UE	Computer Algebra for Concrete Mathematics	1	Radu Silviu
536010	VO	Ethics and Gender Studies	2	Hofmann Roswitha
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	, Leopoldseder David
339349	KV	Java Performance Monitoring and Benchmarking	1	Lengauer Philipp
339358	KV	Introduction to Microcontrollers	1	Poth Miklos
353061	KV	Einführung in Linux	1	Höller Tobias
510206	UE	Production Automation Systems	1	, Wiesmayr Bianca
339344	KV	Formal Specification of Software	2	Lightfoot David
339352	KV	Functional Programming in Java	2	, Fried Alexander
344032	KV	Audio and Music Processing	2	N.N. N.N.
344047	KV	Artificial Intelligence in Media, Art and Society	2	, N.N. N.N.
344058	KV	Machine Learning and Audio: a challenge	2	, N.N. N.N.
367019	KV	Mobile Web Development	2	Khalil Ismail
531708	KV	Peer-Learning und Talente-Tausch in Informatik (Schwerpunkt Softwareentwicklung 1)	2	, Otto Korbinian
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
531705	KV	Digitale Bildung und Computational Thinking	3	Sabitzer Barbara
510104	SE	Praxisseminar "User Research": Forschungsdesign, Versuchsleitung und Auswertung	2	Schreibelmayer Simon

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

336056	SE	Institut f. Integrierte Schaltungen	3	, Wille Robert
339506	SE	Inst.f.Systemsoftware	3	, Prähofer Herbert
340021	SE	Inst.f.Pervasive Computing	3	Ferscha Alois
342242	SE	Inst.f.Formale Modelle und Verifikation	3	Biere Armin
343004	SE	Inst.f.Software Systems Engineering	3	, Grünbacher Paul
344012	SE	Inst.f.Comp.Perception	3	, Scharinger Josef
351030	SE	Inst.f.Anwendungsor. Wissensverarb.	3	, Wöß Wolfram
353095	SE	Institut für Netzwerke und Sicherheit	3	Mayrhofer Rene
364001	SE	Institut für Computergrafik	3	, Streit Marc
365080	SE	Institut für Machine Learning	3	Hochreiter Sepp
367013	SE	Inst.f.Telekooperation	3	, Khalil Ismail
367161	SE	Abt. für Koop. Informationssysteme	3	Retschitzegger Werner
510207	SE	LIT Cyber-Physical Systems Lab	3	, Rabiser Rick
573012	SE	Institut Integriert Studieren	3	Miesenberger Klaus