

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

338043	UE	Model Checking	1	Froleyks Nils	[EN]
338045	UE	Model Checking	1	Froleyks Nils	[EN]
338044	VL	Model Checking	2	Seidl Martina, Rebola Pardo Adrian	[EN]
365098	UE	Machine Learning: Supervised Techniques	1	N.N. N.N.	[EN]
365075	VL	Machine Learning: Supervised Techniques	2	N.N. N.N.	[EN]
344036	VL	Probabilistic Models	2	Widmer Gerhard	[EN]
339022	KV	System Software	2	Mössenböck Hanspeter	[EN]
338046	PR	Project in Computational Engineering	5	Froleyks Nils, Seidl Martina	[EN]
344060	PR	Project in Computational Engineering	5	Schlüter Jan	[EN]
365084	PR	Project in Computational Engineering	5	Hochreiter Sepp	[EN]
366014	PR	Project in Computational Engineering	5	Große Daniel, Ruep Katharina	[EN]
510202	PR	Project in Computational Engineering	5	Rabiser Rick, Zoitl Alois	[EN]
338007	SE	Seminar in Computational Engineering	2	Seidl Martina, Heisinger Simone	[EN]
344050	SE	Seminar in Computational Engineering	2	Peter Silvan	[EN]
365085	SE	Seminar in Computational Engineering	2	Hochreiter Sepp	[EN]
366001	SE	Seminar in Computational Engineering	2	Große Daniel, Ruep Katharina	[EN]

Major: Intelligent Information Systems

351020	KV	Knowledge Based Systems	2	Küng Josef	[EN]
351021	KV	Information Retrieval and Extraction	2	Pröll Birgit	[EN]
365074	KV	Basic Methods of Data Analysis	2	N.N. N.N.	[EN]
344038	KV	Multimedia Search and Retrieval	3	Schedl Markus	[EN]
351033	PR	Project in Intelligent Information Systems	5	Pröll Birgit	[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	[EN]

Major: Networks and Security

353067	VL	Introduction to IT Security	2	Mayrhofer Rene	[EN]
510517	KV	Information Security Management	2	Rass Stefan, Goman Maksim	[EN]
353068	VL	Computer Forensics and IT Law	2	Sonntag Michael	[EN]
353054	KV	System Administration	2	Lins Mario, Höller Tobias	[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]
344040	SE	Seminar in Networks and Security	2	Scharinger Josef	[EN]
351034	SE	Seminar in Networks and Security	2	Küng Josef	[EN]

Major: Pervasive Computing

340510	UE	Pervasive Computing: Systems and Environments	1	N.N. N.N.	[EN]
340500	VL	Pervasive Computing: Systems and Environments	2	Ferscha Alois	[EN]
340610	UE	Pervasive Computing: Design and Development	1	N.N. N.N.	[EN]
340600	VL	Pervasive Computing: Design and Development	2	Ferscha Alois	[EN]
364012	VL	Computer Vision	2	Bimber Oliver	[EN]
364013	UE	Computer Vision	1	Abbass Mohammed	[EN]
364014	UE	Computer Vision	1	Abbass Mohammed	[EN]
364015	UE	Computer Vision	1	Abbass Mohammed	[EN]
364016	UE	Computer Vision	1	Abbass Mohammed	[EN]
364017	UE	Computer Vision	1	Abbass Mohammed	[EN]
364018	UE	Computer Vision	1	Abbass Mohammed	[EN]
364019	UE	Computer Vision	1	Abbass Mohammed	[EN]
364020	UE	Computer Vision	1	Amala Arokia Nathan Rakesh John	[EN]
367072	KV	Principles of Cooperation	3	Khalil Ismail, Kotsis Gabriele	[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]
367002	SE	Seminar in Pervasive Computing	2	Kotsis Gabriele, Pollak Manuela	[EN]

Major: Software Engineering

326013	KV	Formal Methods in Software Development	3	Schreiner Wolfgang	[EN]
343002	KV	Requirements Engineering	2	Grünbacher Paul	[EN]
339019	KV	Principles of Programming Languages	2	Prähofer Herbert	[EN]
339022	KV	System Software	2	Mössenböck Hanspeter	[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]
343006	SE	Seminar in Software Engineering	2	, Marchezan de Paula Luciano	[EN]

Major: Data Science

365075	VL	Machine Learning: Supervised Techniques	2	N.N. N.N.	[EN]
344036	VL	Probabilistic Models	2	Widmer Gerhard	[EN]
364024	VL	Visual Analytics	2	Streit Marc	[EN]
238210	KV	Statistical Principles of Data Science	3	Hainy Markus	[EN]
258401	VL	Data Warehousing	2	Schütz Christoph Georg	[EN]

258405	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
258406	UE	Data Warehousing	2	Ahmad Bashar	[EN]
258407	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
258408	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
344061	PR	Project in Data Science	5	Schedl Markus	[EN]
351071	PR	Project in Data Science	5	Pröll Birgit	[EN]
367201	PR	Project in Data Science	5	Retschitzegger Werner	[EN]

Electives**General Electives**

364036	VL	Explainable AI	1	Streit Marc	[EN]
364037	UE	Explainable AI	1	Hinterreiter Andreas, Streit Marc	[EN]
364038	UE	Explainable AI	1	Streit Marc	[EN]
364039	UE	Explainable AI	1	Hinterreiter Andreas	[EN]
364040	UE	Explainable AI	1	Steinparz Christian	[EN]
364041	UE	Explainable AI	1	Steinparz Christian	[EN]
344011	VO	Biometrische Identifikation	2	Scharinger Josef	[DE]
344W02	UE	Probabilistic Models	1	Schmid Florian	[EN]
344037	UE	Probabilistic Models	1	Primus Paul	[EN]
344072	UE	Probabilistic Models	1	Primus Paul	[EN]
344156	VL	Reinforcement Learning	2	Peter Silvan, Cancino Chacon Carlos Eduardo	[EN]
344101	UE	Reinforcement Learning	1	Primus Paul	[EN]
344102	UE	Reinforcement Learning	1	Primus Paul	[EN]
351022	KV	Web Engineering	2	Pröll Birgit	[EN]
366554	KV	Statistics 2	2	Forstner Thomas	[EN]
336051	KV	VLSI Design	2	Fath Patrick	[EN]
573003	KV	Assistive Technologies and Accessibility	2	Miesenberger Klaus, Koutny Reinhard	[EN]
365106	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365200	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365201	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365261	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365105	VL	Deep Learning and Neural Nets I	2	Klambauer Günter	[EN]
365075	VL	Machine Learning: Supervised Techniques	2	N.N. N.N.	[EN]
365098	UE	Machine Learning: Supervised Techniques	1	N.N. N.N.	[EN]
344175	VL	Natural Language Processing	1	Rekabsaz Navid	[EN]
344105	UE	Natural Language Processing	1	Rekabsaz Navid	[EN]
344106	UE	Natural Language Processing	1	Rekabsaz Navid	[EN]
344107	UE	Natural Language Processing	1	Lesota Oleg	[EN]

365062	UE	Sequence Analysis and Phylogenetics	2	Sestak Florian	[EN]
365265	UE	Sequence Analysis and Phylogenetics	2	Sestak Florian	[EN]
365060	VL	Sequence Analysis and Phylogenetics	2	Regl Alois, Klambauer Günter	[EN]
326031	UE	Computer Algebra	1	Landsmann Günter	[EN]
326105	VL	Computer Algebra	2	Schneider Carsten	[EN]
339408	KV	Modeling and Computer Simulation	2	Prähofer Herbert	[EN]
238212	KV	Advanced Regression Analysis	2	Waldl Helmut	[EN]
238225	KV	Multivariate Verfahren	2	Waldl Helmut	[DE]
367001	KV	Human/Computer Interaction	2	Kotsis Gabriele, Grünbacher Paul, Miesenberger Klaus	[EN]
367008	KV	Mobile Computing	2	Hummel Karin Anna	[EN]
367053	KV	Web Performance	2	Kotsis Gabriele	[EN]
367138	KV	Model Engineering for Data-Intensive Systems	2	Retschitzegger Werner	[EN]
536027	KV	Gender Studies Managing Equality TN	2	Allhutter Doris	[EN]
536020	VO	Ethics and Gender Studies	2	Ernst Waltraud	[EN]
353069	UE	Computer Forensics and IT Law	1	Sonntag Michael	[EN]
336058	VL	Quantum Computing	2	Küng Richard	[EN]
366007	KV	Practical Introduction to Modern System Design with C++	3	Große Daniel, Hazott Christoph, Klemmer Lucas	[EN]
510250	KV	Cloud Computing	1	Rabiser Rick	[EN]
Special Topics					
339356	KV	Modern Front-End Web Development	1	Friedl Fabian, Baumgartner Stefan	[EN]
339361	KV	Functional Programming	1	Zsok Viktoria	[EN]
351039	KV	Big Data Sketching	1	Fürnkranz Johannes, Ertl Otmar	[EN]
353002	KV	The Rust Programming Language	1	Baumgartner Stefan	[EN]
353030	KV	Android Security	1	Mayrhofer Rene	[EN]
353039	KV	Smartcards & NFC	1	Roland Michael	[EN]
366541	KV	Datenanalyse in der Medizin (Grundprinzipien der klin. Forschun	1	Schimetta Wolfgang	[DE]
364600	UE	Visual Data Science Journal Club	1	Streit Marc	[EN]
338006	KV	Missing Semester	2	Heisinger Maximilian	[DE]
339360	KV	Programming in Kotlin	2	Prähofer Herbert, Fried Alexander, Weninger Markus	[EN]
353001	KV	Pentesting	2	Panholzer Peter, Eberstaller Felix	[EN]
353086	KV	Special Topics	2	Schwaighofer Martin	[DE]
531705	KV	Digitale Bildung & Computational Thinking	2	Sabitzer Barbara, Kuka Lisa	[DE]
531713	KV	Educational Game Design	2	Sabitzer Barbara, Dormann Claire	[DE]
366587	UE	Biostatistik in der klinischen Forschung	2	Forstner Thomas	[DE]

326122	VL	Logisches Programmieren	2	Kutsia Teimuraz	[EN]
326901	VL	Formale Sprachen und formale Grammatiken II	2	Popov Nikolaj	[EN]
366586	VL	Biostatistik in der klinischen Forschung	2	Forstner Thomas	[DE]
344053	KV	Social Media Mining and Analysis	3	Schedl Markus, Lesota Oleg	[EN]
344095	KV	Music Informatics	3	Cancino Chacon Carlos Eduardo, Peter Silvan	[EN]
364500	KV	Game Development	3	Wallner Günter, Wang Letian, Dormann Claire	[EN]

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

336055	SE	Institut f. Integrierte Schaltungen	3	Pretl Harald, Ostermann Timm	[EN]
338030	SE	Inst.f.Symbolic Artificial Intelligence	3	Seidl Martina	[EN]
339505	SE	Inst.f.Systemsoftware	3	Mössenböck Hanspeter, Prähofer Herbert	[EN]
340020	SE	Inst.f.Pervasive Computing	3	Ferscha Alois	[EN]
343312	SE	Inst.f.Software Systems Engineering	3	Egyed Alexander, Grünbacher Paul	[EN]
344043	SE	Inst.f.Comp.Perception	3	Widmer Gerhard, Scharinger Josef	[EN]
351029	SE	Inst.f.Anwendungsor. Wissensverarb.	3	Fürnkranz Johannes, Küng Josef, Pröll Birgit, Wöß Wolfram	[EN]
353094	SE	Institut für Netzwerke und Sicherheit	3	Rass Stefan, Sonntag Michael, Mayrhofer Rene	[EN]
364063	SE	Institut für Computergrafik	3	Bimber Oliver, Streit Marc, Wallner Günter	[EN]
366002	SE	Institut für Complex Systems	3	Große Daniel, Hazott Christoph	[EN]
367012	SE	Inst.f.Telekooperation	3	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail	[EN]
367160	SE	Abt. für Koop. Informationssysteme	3	Schwinger Wieland, Retschitzegger Werner	[EN]
510205	SE	LIT Cyber-Physical Systems Lab	3	Zoitl Alois, Rabiser Rick	[EN]
573011	SE	Institut Integriert Studieren	3	Miesenberger Klaus	[EN]