

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

338043	UE	Model Checking	1	Froleyks Nils	[EN]
338045	UE	Model Checking	1	Rebola Pardo Adrian, Heisinger Maximilian, Heisinger Simone, Plank Andreas, Froleyks Nils	[EN]
338044	VL	Model Checking	2	, Heisinger Maximilian, Heisinger Simone, Plank Andreas, Froleyks Nils, Rebola Pardo Adrian	[EN]
365098	UE	Machine Learning: Supervised Techniques	1	Berzins Arturs	[EN]
365300	UE	Machine Learning: Supervised Techniques	1	Berzins Arturs	[EN]
365301	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365302	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365303	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365304	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365305	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365306	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365307	UE	Machine Learning: Supervised Techniques	1	Volkman Eric	[EN]
365308	UE	Machine Learning: Supervised Techniques	1	Volkman Eric	[EN]
365075	VL	Machine Learning: Supervised Techniques	2	Berzins Arturs	[EN]
344036	VL	Probabilistic Models	2	Widmer Gerhard	[EN]
339022	KV	System Software	2	Mössenböck Hanspeter	[EN]
338046	PR	Project in Computational Engineering	5	Seidl Martina	[EN]
365084	PR	Project in Computational Engineering	5	Hochreiter Sepp	[EN]
366014	PR	Project in Computational Engineering	5	Große Daniel, N.N. N.N.	[EN]
510202	PR	Project in Computational Engineering	5	Rabiser Rick, Zoitl Alois	[EN]
365085	SE	Seminar in Computational Engineering	2	Hochreiter Sepp	[EN]
366001	SE	Seminar in Computational Engineering	2	Große Daniel, Hazott Christoph	[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	Machine Learning: Basic Techniques	2	Hochreiter Sepp	[EN]
344038	KV	Multimedia Search and Retrieval	3	Schedl Markus	[EN]
351033	PR	Project in Intelligent Information Systems	5	Pröll Birgit	[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	Roland Michael, Lins Mario	[EN]
353093	PR	Project in Networks and Security	5	Mayrhofer Rene, Sonntag Michael, Roland Michael	[EN]
367033	PR	Project in Networks and Security	5	Kotsis Gabriele	[EN]
510531	PR	Project in Networks and Security	5	Rass Stefan	[DE]
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	Abbass Mohammed	[EN]
364021	UE	Computer Vision	1	Amala Arokia Nathan Rakesh John	[EN]
364022	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]
364053	SE	Seminar in Pervasive Computing	2	Bimber Oliver, Streit Marc, Wallner Günter	[DE]
367002	SE	Seminar in Pervasive Computing	2	Kotsis Gabriele	[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, Stummer Alexander, Zoitl Alois	[EN]

	339379	SE	Seminar in Software Engineering	2	Prähofer Herbert	[EN]
	343006	SE	Seminar in Software Engineering	2	Egyed Alexander, Marchezan de Paula Luciano	[EN]
Major: Data Science						
	365075	VL	Machine Learning: Supervised Techniques	2	Berzins Arturs	[EN]
	344036	VL	Probabilistic Models	2	Widmer Gerhard	[EN]
	364024	VL	Visualization	2	Streit Marc	[DE]
	238104	KV	Statistical Principles of Data Science	3	N. N.	[EN]
	238111	KV	Statistical Principles of Data Science	3	Futschik Andreas	[EN]
	258401	VL	Data Warehousing	2	Schütz Christoph Georg	[EN]
	258405	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
	258406	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
	258407	UE	Data Warehousing	2	Schütz Christoph Georg	[EN]
	344061	PR	Project in Data Science	5	, N.N. N.N.	[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	AI and Visualization	1	Streit Marc	[DE]
	364037	UE	AI and Visualization	1	Hinterreiter Andreas, Streit Marc	[DE]
	364038	UE	AI and Visualization	1	Streit Marc	[DE]
	364039	UE	AI and Visualization	1	Hinterreiter Andreas	[DE]
	364040	UE	AI and Visualization	1	Steinparz Christian	[DE]
	364041	UE	AI and Visualization	1	Steinparz Christian	[DE]
	364042	UE	AI and Visualization	1	Steinparz Christian	[DE]
	364043	UE	AI and Visualization	1	Steinparz Christian	[DE]
	364044	UE	AI and Visualization	1	Steinparz Christian	[DE]
	364025	UE	Visualization	1	Streit Marc, Steinparz Christian	[DE]
	364026	UE	Visualization	1	Streit Marc, Steinparz Christian	[DE]
	364027	UE	Visualization	1	Steinparz Christian	[DE]
	364028	UE	Visualization	1	Hinterreiter Andreas, Streit Marc	[DE]
	364029	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364030	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364031	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364032	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364033	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364034	UE	Visualization	1	Hinterreiter Andreas	[DE]
	364035	UE	Visualization	1	Hinterreiter Andreas	[DE]

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	, Schmid Florian	[EN]
344114	UE	Probabilistic Models	1	Schmid Florian, Primus Paul	[EN]
344115	UE	Probabilistic Models	1	Primus Paul, Schmid Florian	[EN]
344156	VL	Reinforcement Learning	2	Cancino Chacon Carlos Eduardo, Primus Paul	[EN]
344101	UE	Reinforcement Learning	1	Primus Paul, Cancino Chacon Carlos Eduardo	[EN]
344102	UE	Reinforcement Learning	1	Cancino Chacon Carlos Eduardo, Primus Paul	[EN]
344109	UE	Reinforcement Learning	1	Cancino Chacon Carlos Eduardo, Primus Paul	[EN]
344110	UE	Reinforcement Learning	1	, Cancino Chacon Carlos Eduardo, Primus Paul	[EN]
344111	UE	Reinforcement Learning	1	Cancino Chacon Carlos Eduardo, Primus Paul	[EN]
344116	UE	Reinforcement Learning	1	Primus Paul, Cancino Chacon Carlos Eduardo	[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	Freinschlag Richard	[EN]
365200	UE	Deep Learning and Neural Nets I	1	Freinschlag Richard	[EN]
365201	UE	Deep Learning and Neural Nets I	1	Lin Wei	[EN]
365261	UE	Deep Learning and Neural Nets I	1	Lin Wei	[EN]
365312	UE	Deep Learning and Neural Nets I	1	Freinschlag Richard	[EN]
365313	UE	Deep Learning and Neural Nets I	1	Freinschlag Richard	[EN]
365314	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365315	UE	Deep Learning and Neural Nets I	1	Hoedt Pieter-Jan	[EN]
365334	UE	Deep Learning and Neural Nets I	1	Schmidinger Niklas	[EN]
365105	VL	Deep Learning and Neural Nets I	2	Klambauer Günter, Lehner Sebastian	[EN]
365075	VL	Machine Learning: Supervised Techniques	2	Berzins Arturs	[EN]

365098	UE	Machine Learning: Supervised Techniques	1	Berzins Arturs	[EN]
365300	UE	Machine Learning: Supervised Techniques	1	Berzins Arturs	[EN]
365301	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365302	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365303	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365304	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365305	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365306	UE	Machine Learning: Supervised Techniques	1	Lin Wei	[EN]
365307	UE	Machine Learning: Supervised Techniques	1	Volkman Eric	[EN]
365308	UE	Machine Learning: Supervised Techniques	1	Volkman Eric	[EN]
344175	VL	Natural Language Processing	1	, Nawaz Shah	[EN]
344105	UE	Natural Language Processing	1	, Nawaz Shah	[EN]
344106	UE	Natural Language Processing	1	, Nawaz Shah	[EN]
344107	UE	Natural Language Processing	1	, Nawaz Shah	[EN]
344112	UE	Natural Language Processing	1	N.N. N.N.	[EN]
344113	UE	Natural Language Processing	1	N.N. N.N.	[EN]
365062	UE	Sequence Analysis and Phylogenetics	2	Sestak Florian	[EN]
365265	UE	Sequence Analysis and Phylogenetics	2	Seidl Philipp	[EN]
365316	UE	Sequence Analysis and Phylogenetics	2	Seidl Philipp	[EN]
365060	VL	Sequence Analysis and Phylogenetics	2	Klambauer Günter	[EN]
356191	UE	Computational Geometry	1	, Vrablikova Jana	[DE]
326031	UE	Computer Algebra	1	Landsmann Günter	[EN]
326105	VL	Computer Algebra	2	Schneider Carsten	[EN]
238312	KV	Advanced Regression Analysis	2	Wagner Helga	[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]
536027	KV	Gender Studies Managing Equality TN	2	Allhutter Doris	[EN]
536020	VO	Ethics and Gender Studies	2	Ernst Waltraud	[EN]
367022	KV	Mobile Web Development	2	Khalil Ismail	[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]
510518	KV	Advanced Cryptology	2	Rass Stefan	[EN]
510250	KV	Cloud Computing	1	Rabiser Rick	[EN]

336021	UE	Quantum Computing	1	N.N. N.N.	[EN]
336022	UE	Quantum Computing	1	N.N. N.N.	[EN]
336023	UE	Quantum Computing	1	N.N. N.N.	[EN]
336025	UE	Quantum Computing	1	N.N. N.N.	[EN]

Special Topics

339366	KV	Introduction to .NET Software Development on Azure	1	Birngruber Dietrich	[EN]
339367	KV	NoSQL Databases and Big Data	1	Ristevski Blagoj	[EN]
351038	KV	Big Data Sketching (AI)	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]
353051	KV	Special Topics	1	Horacek Jan	[DE]
353052	KV	Glasfasertechnik	1	N.N. N.N.	[DE]
366541	KV	Datenanalyse in der Medizin (Grundprinzipien der klin. Forschur	1	Schimetta Wolfgang	[DE]
364600	UE	Visual Data Science Journal Club	1	Streit Marc	[EN]
338006	KV	Missing Semester	2	Heisinger Maximilian, Pfeiffer Peter	[DE]
339360	KV	Programming in Kotlin	2	Prähofer Herbert, Fried Alexander, Weninger Markus	[EN]
353001	KV	Pentesting	2	Panholzer Peter, Eberstaller Felix	[EN]
364502	KV	Educational Game Design	2	Dormann Claire	[EN]
531716	KV	GenAI and Digital Tools in Educational Context	2	Sabitzer Barbara, Kuka Lisa	[DE]
366587	UE	Biostatistik in der klinischen Forschung	2	Forstner Thomas	[DE]
366586	VL	Biostatistik in der klinischen Forschung	2	Forstner Thomas	[DE]
336007	KV	Special Topics	3	Kofer Johannes, Küng Richard	[DE]
344053	KV	Social Media Mining and Analysis	3	Schedl Markus	[EN]
344095	KV	Music Informatics	3	Cancino Chacon Carlos Eduardo	[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, Köfinger Michael, Fath Patrick	[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	Mayrhofer Rene, Sonntag Michael, Roland Michael, Rass Stefan	[EN]
364063	SE	Institut für Computergrafik	3	Bimber Oliver, Streit Marc, Wallner Günter	[EN]
366002	SE	Institut für Complex Systems	3	Große Daniel	[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]
510511	SE	LIT Secure and Correct Systems Lab	3	Rass Stefan	[DE]
573011	SE	Institut Integriert Studieren	3	Miesenberger Klaus	[EN]