

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

342043	UE	Model Checking	1,5	Wallner Felix	[EN]
342045	UE	Model Checking	1,5	Wallner Felix	[EN]
342044	VL	Model Checking	3,0	Aichernig Bernhard	[EN]
365098	UE	Machine Learning: Supervised Techniques	1,5	Plattner Maximilian	[EN]
365300	UE	Machine Learning: Supervised Techniques	1,5	Plattner Maximilian	[EN]
365301	UE	Machine Learning: Supervised Techniques	1,5	Plattner Maximilian	[EN]
365302	UE	Machine Learning: Supervised Techniques	1,5	Plattner Maximilian	[EN]
365303	UE	Machine Learning: Supervised Techniques	1,5	Bertram Timo	[EN]
365304	UE	Machine Learning: Supervised Techniques	1,5	Galletti Gianluca	[EN]
365305	UE	Machine Learning: Supervised Techniques	1,5	Galletti Gianluca	[EN]
365306	UE	Machine Learning: Supervised Techniques	1,5	Bertram Timo	[EN]
365307	UE	Machine Learning: Supervised Techniques	1,5	N.N. N.N.	[EN]
365308	UE	Machine Learning: Supervised Techniques	1,5	N.N. N.N.	[EN]
365075	VL	Machine Learning: Supervised Techniques	3,0	N.N. N.N.	[EN]
344036	VL	Probabilistic Models	3,0	Widmer Gerhard	[EN]
339022	KV	System Software	3,0	Marr Stefan	[EN]
342050	PR	Project in Computational Engineering	2,0	Aichernig Bernhard, Wallner Felix	[DE]
366014	PR	Project in Computational Engineering	2,0	Große Daniel, N.N. N.N.	[EN]
510202	PR	Project in Computational Engineering	2,0	Rabiser Rick, Majumder Mainak	[EN]
366001	SE	Seminar in Computational Engineering	3,0	N.N. N.N.	[EN]

Major: Intelligent Information Systems

351020	KV	Knowledge Based Systems	3,0	Küng Josef	[EN]
351021	KV	Information Retrieval and Extraction	3,0	Pröll Birgit	[EN]
365074	KV	Machine Learning: Basic Techniques	3,0	Hochreiter Sepp	[EN]
344038	KV	Multimedia Search and Retrieval	4,5	Schedl Markus	[EN]
351033	PR	Project in Intelligent Information Systems	2,0	Pröll Birgit	[EN]
367200	PR	Project in Intelligent Information Systems	2,0	Retschitzegger Werner	[EN]
351032	SE	Seminar in Intelligent Information Systems	3,0	Pröll Birgit	[EN]
367112	SE	Seminar in Intelligent Information Systems	3,0	Retschitzegger Werner	[EN]
573026	SE	Seminar in Intelligent Information Systems	3,0	Miesenberger Klaus	[EN]

Major: Networks and Security

353067	VL	Introduction to IT Security	3,0	Mayrhofer Rene	[EN]
510517	KV	Information Security Management	3,0	Rass Stefan	[EN]
353068	VL	Computer Forensics and IT Law	3,0	Sonntag Michael	[EN]
353054	KV	System Administration	3,0	Ruep Katharina, Lins Mario	[EN]

	353093	PR	Project in Networks and Security	2,0	N.N. N.N., Roland Michael	[EN]
	367033	PR	Project in Networks and Security	2,0	Kotsis Gabriele	[EN]
	510531	PR	Project in Networks and Security	2,0	Rass Stefan	[DE]
	344040	SE	Seminar in Networks and Security	3,0	Scharinger Josef	[EN]
	351034	SE	Seminar in Networks and Security	3,0	Küng Josef	[EN]
Major: Pervasive Computing						
	340510	UE	Pervasive Computing: Systems and Environments	1,5	Denzler Patrick	[EN]
	340500	VL	Pervasive Computing: Systems and Environments	3,0	Ferscha Alois	[EN]
	340610	UE	Pervasive Computing: Design and Development	1,5	Denzler Patrick	[EN]
	340600	VL	Pervasive Computing: Design and Development	3,0	Ferscha Alois	[EN]
	364012	VL	Computer Vision	3,0	Bimber Oliver	[EN]
	364013	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364014	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364015	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364016	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364017	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364018	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364019	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364020	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364021	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364022	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	364023	UE	Computer Vision	1,5	Abbass Mohammed	[EN]
	367072	KV	Principles of Cooperation	4,5	Khalil Ismail	[EN]
	364058	PR	Project in Pervasive Computing	2,0	Khan Muhammad Waleed, Wallner Günter	[EN]
	367032	PR	Project in Pervasive Computing	2,0	Khan Muhammad Waleed, Pollak Manuela	[EN]
	364053	SE	Seminar in Pervasive Computing	3,0	Hussain Aftab, Wallner Günter	[EN]
	367002	SE	Seminar in Pervasive Computing	3,0	Kotsis Gabriele	[EN]
Major: Software Engineering						
	326013	KV	Formal Methods in Software Development	4,5	Schreiner Wolfgang	[EN]
	343002	KV	Requirements Engineering	3,0	Grünbacher Paul	[EN]
	339019	KV	Principles of Programming Languages	3,0	Prähofer Herbert	[EN]
	339022	KV	System Software	3,0	Marr Stefan	[EN]
	343005	PR	Project in Software Engineering	2,0	Ferscha Alois, Grünbacher Paul	[EN]
	367035	PR	Project in Software Engineering	2,0	Kotsis Gabriele	[EN]
	367202	PR	Project in Software Engineering	2,0	Retschitzegger Werner	[EN]
	510209	PR	Project in Software Engineering	2,0	N.N. N.N., Zoitl Alois	[EN]

	339381	SE	Seminar in Software Engineering	3,0	Weninger Markus	[EN]
	343006	SE	Seminar in Software Engineering	3,0	Ahmad Shahzad, N.N. N.N.	[EN]
Major: Data Science						
	365075	VL	Machine Learning: Supervised Techniques	3,0	N.N. N.N.	[EN]
	344036	VL	Probabilistic Models	3,0	Widmer Gerhard	[EN]
	238210	KV	Statistical Principles of Data Science	4,5	Avalos Pacheco Alejandra	[EN]
	258401	VL	Data Warehousing	3,0	Schütz Christoph Georg	[EN]
	258405	UE	Data Warehousing	3,0	Schütz Christoph Georg	[EN]
	258406	UE	Data Warehousing	3,0	Schütz Christoph Georg	[EN]
	258407	UE	Data Warehousing	3,0	Schütz Christoph Georg	[EN]
	344061	PR	Project in Data Science	2,0	Tommasel Antonela	[EN]
	351071	PR	Project in Data Science	2,0	Pröll Birgit	[EN]
	367201	PR	Project in Data Science	2,0	Horacek Jan, Kapsammer Elisabeth	[EN]
Electives						
General Electives						
	344011	VO	Biometrische Identifikation	3,0	Scharinger Josef	[DE]
	344W02	UE	Probabilistic Models	1,5	Primus Paul	[EN]
	344037	UE	Probabilistic Models	1,5	Primus Paul	[EN]
	344072	UE	Probabilistic Models	1,5	Weninger Markus, Schmid Florian	[EN]
	344114	UE	Probabilistic Models	1,5	Schmid Florian	[EN]
	344115	UE	Probabilistic Models	1,5	Primus Paul	[EN]
	344116	UE	Probabilistic Models	1,5	Primus Paul	[EN]
	344136	UE	Probabilistic Models	1,5	Schmid Florian	[EN]
	344156	VL	Reinforcement Learning	3,0	Küng Josef, Primus Paul	[EN]
	344101	UE	Reinforcement Learning	1,5	Küng Josef, Cancino Chacon Carlos	[EN]
	344102	UE	Reinforcement Learning	1,5	Wöß Wolfram, Primus Paul	[EN]
	344109	UE	Reinforcement Learning	1,5	Wöß Wolfram, Primus Paul	[EN]
	344110	UE	Reinforcement Learning	1,5	Kropshofer Jasmin, Cancino Chacon Carlos	[EN]
	344111	UE	Reinforcement Learning	1,5	Hofer Daniel, Cancino Chacon Carlos	[EN]
	344121	UE	Reinforcement Learning	1,5	Primus Paul	[EN]
	344122	UE	Reinforcement Learning	1,5	Chiruthapudi Suhit	[EN]
	344123	UE	Reinforcement Learning	1,5	Pilkov Ivan	[EN]
	344124	UE	Reinforcement Learning	1,5	Kapsammer Elisabeth, Primus Paul	[EN]
	351022	KV	Web Engineering	3,0	Pröll Birgit	[EN]
	366554	KV	Statistics 2	3,0	Forstner Thomas	[EN]
	336051	KV	VLSI Design	3,0	Fath Patrick	[EN]
	573003	KV	Assistive Technologies and Accessibility	3,0	Hoedt Katharina, Koutny Reinhard	[EN]

365106	UE	Deep Learning: Basic Techniques	1,5	Freinschlag Richard	[EN]
365200	UE	Deep Learning: Basic Techniques	1,5	Freinschlag Richard	[EN]
365201	UE	Deep Learning: Basic Techniques	1,5	Schimunek Johannes	[EN]
365261	UE	Deep Learning: Basic Techniques	1,5	Hoedt Pieter-Jan	[EN]
365312	UE	Deep Learning: Basic Techniques	1,5	Freinschlag Richard	[EN]
365313	UE	Deep Learning: Basic Techniques	1,5	Freinschlag Richard	[EN]
365314	UE	Deep Learning: Basic Techniques	1,5	Sanchez Fernandez Ana	[EN]
365315	UE	Deep Learning: Basic Techniques	1,5	Schmidinger Niklas	[EN]
365334	UE	Deep Learning: Basic Techniques	1,5	Schmidinger Niklas	[EN]
365372	UE	Deep Learning: Basic Techniques	1,5	Schimunek Johannes	[EN]
365105	VL	Deep Learning: Basic Techniques	3,0	Klambauer Günter	[EN]
344175	VL	Natural Language Processing	1,5	Nawaz Shah	[EN]
344105	UE	Natural Language Processing	1,5	Nawaz Shah	[EN]
344106	UE	Natural Language Processing	1,5	Nawaz Shah	[EN]
344107	UE	Natural Language Processing	1,5	Nawaz Shah	[EN]
344112	UE	Natural Language Processing	1,5	Masoudian Shahed	[EN]
344113	UE	Natural Language Processing	1,5	Masoudian Shahed	[EN]
344126	UE	Natural Language Processing	1,5	Masoudian Shahed	[EN]
344127	UE	Natural Language Processing	1,5	Masoudian Shahed	[EN]
344128	UE	Natural Language Processing	1,5	Swain Monorama	[EN]
344129	UE	Natural Language Processing	1,5	Swain Monorama	[EN]
344130	UE	Natural Language Processing	1,5	Swain Monorama	[EN]
365062	UE	Biological Sequence Analysis	3,0	Sestak Florian	[EN]
365265	UE	Biological Sequence Analysis	3,0	Hoedt Pieter-Jan	[EN]
365316	UE	Biological Sequence Analysis	3,0	Sestak Florian	[EN]
365060	VL	Biological Sequence Analysis	3,0	Klambauer Günter	[EN]
326031	UE	Computer Algebra	1,5	Landsmann Günter	[EN]
326105	VL	Computer Algebra	3,0	Schneider Carsten	[EN]
338041	UE	Planning and Reasoning in Artificial Intelligence	1,5	Seidl Martina	[EN]
338042	UE	Planning and Reasoning in Artificial Intelligence	1,5	Seidl Martina	[EN]
338040	VL	Planning and Reasoning in Artificial Intelligence	3,0	Seidl Martina	[EN]
339408	KV	Modeling and Computer Simulation	3,0	Prähofer Herbert	[EN]
238312	KV	Advanced Regression Analysis	3,0	Wagner Helga	[EN]
238225	KV	Multivariate Verfahren	3,0	Waldl Helmut	[DE]
367001	KV	Human/Computer Interaction	3,0	Große Daniel, Miesenberger Klaus	[EN]
367008	KV	Mobile Computing	3,0	Hummel Karin Anna	[EN]
367053	KV	Web Performance	3,0	Kotsis Gabriele	[EN]

367138	KV	Model Engineering for Data-Intensive Systems	3,0	Retschitzegger Werner	[EN]
536027	KV	Gender Studies Managing Equality TN	3,0	Bock von Wülflingen Bettina	[EN]
536127	KV	Gender Studies Managing Equality TN	3,0	Bock von Wülflingen Bettina	[EN]
536020	VO	Ethics and Gender Studies	3,0	Bock von Wülflingen Bettina	[EN]
367022	KV	Mobile Web Development with Python and JavaScript	3,0	Khalil Ismail	[EN]
353069	UE	Computer Forensics and IT Law	1,5	Sonntag Michael	[EN]
336058	VL	Quantum Computing	3,0	Küng Richard	[EN]
336027	UE	Quantum Computing	1,5	Wilkens Jadwiga	[DE]
336028	UE	Quantum Computing	1,5	Wilkens Jadwiga	[DE]
336029	UE	Quantum Computing	1,5	Kirova Kristina	[DE]
336030	UE	Quantum Computing	1,5	Kirova Kristina	[DE]
366007	KV	Practical Introduction to Modern System Design with C++	4,5	Miesenberger Klaus, Koutny Reinhard, N.N. N.N.	[EN]
510518	KV	Advanced Cryptology	3,0	Rass Stefan	[EN]
Special Topics					
353002	KV	The Rust Programming Language	1,5	Baumgartner Stefan	[EN]
353030	KV	Android Security	1,5	Mayrhofer Rene	[EN]
353038	KV	IoT Security Study	1,5	Höller Tobias	[EN]
353039	KV	Smartcards & NFC	1,5	Roland Michael	[EN]
353040	KV	Special Topics	1,5	N.N. N.N.	[DE]
353052	KV	Glasfasertechnik	1,5	Kitzmantl Stefan	[DE]
366541	KV	Datenanalyse in der Medizin (Grundprinzipien der klin. Forschung)	1,5	Schimetta Wolfgang	[DE]
339360	KV	Programming in Kotlin	3,0	Kirova Kristina, Weninger Markus	[EN]
344140	KV	Advanced Recommender Systems	3,0	Tommasel Antonela	[EN]
353001	KV	Pentesting	3,0	Nawaz Shah, N.N. N.N.	[EN]
364502	KV	Educational Game Design	3,0	Dormann Claire	[EN]
366587	UE	Biostatistik in der klinischen Forschung	3,0	Forstner Thomas	[DE]
366586	VL	Biostatistik in der klinischen Forschung	3,0	Forstner Thomas	[DE]
336022	KV	Advanced Topics in Quantum Information	4,5	Masoudian Shahed, Küng Richard	[DE]
342060	KV	Model-based Testing and Automata Learning	4,5	Masoudian Shahed, Wallner Felix	[DE]
344053	KV	Social Media Mining and Analysis	4,5	Schedl Markus	[EN]
344095	KV	Music Informatics	4,5	Cancino Chacon Carlos	[EN]
364500	KV	Game Development	4,5	Swain Monorama, Wallner Günter	[EN]
531705	KV	GenAI and Digital Tools in Educational Context	4,5	Swain Monorama, Kuka Lisa	[DE]

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

336055	SE	Inst.integr.Schaltungen u. Quantum Comp	4,5	Seidl Martina, Ostermann Timm	[EN]
338030	SE	Inst.f.Symbolic Artificial Intelligence	4,5	Seidl Martina	[EN]
339505	SE	Inst.f.Systemsoftware	4,5	, Prähofer Herbert	[EN]
340020	SE	Inst.f.Pervasive Computing	4,5	Ferscha Alois	[EN]
342030	SE	Inst.f.Formale Modelle und Verifikation	4,5	Aichernig Bernhard	[DE]
343312	SE	Inst.f.Software Systems Engineering	4,5	Höller Tobias, Grünbacher Paul	[EN]
344043	SE	Inst.f.Comp.Perception	4,5	Roland Michael, Scharinger Josef	[EN]
351029	SE	Inst.f.Anwendungsor. Wissensverarb.	4,5	N.N. N.N., Wöß Wolfram	[EN]
353094	SE	Institut für Netzwerke und Sicherheit	4,5	Kitzmannl Stefan, Roland Michael	[EN]
364063	SE	Institut für Computergrafik	4,5	Schimetta Wolfgang, Wallner Günter	[EN]
366002	SE	Institut für Complex Systems	4,5	Große Daniel	[EN]
367012	SE	Inst.f.Telekooperation	4,5	Tommasel Antonela, Hummel Karin Anna	[EN]
367160	SE	Abt. für Koop. Informationssysteme	4,5	Eberstaller Felix, N.N. N.N., Retschitzegger Werner	[EN]
510205	SE	LIT Cyber-Physical Systems Lab	4,5	Dormann Claire, Rabiser Rick	[EN]
510500	SE	LIT Secure and Correct Systems Lab	4,5	Forstner Thomas, Ahmad Shahzad	[DE]
573011	SE	Institut Integriert Studieren	4,5	Miesenberger Klaus	[EN]