

Matrikelnummer / Student ID Number

Studienkennzahl / Degree program number

UK	066	921	
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## ANSUCHEN UM ZULASSUNG ZUR MASTERPRÜFUNG IM MASTERSTUDIUM COMPUTER SCIENCE

APPLICATION FOR ADMISSION TO THE MASTER'S EXAMINATION IN THE MASTER'S PROGRAM IN COMPUTER SCIENCE  
(1.10.2023 - updated 1.10.2024)

<b>Vor- und Familienname /</b> First and Family name	
<b>Telefonnummer /</b> Phone number	
<b>E-Mail</b>	

### Prüfungssenat der Masterprüfung / Members of the examination senate

<b>Vorsitzende*r und 1. Prüfer*in /</b> Chair of the Examination Senate and 1. Examiner	Name in Blockbuchstaben / Name  Unterschrift / Signature
	<b>Präsentation und Verteidigung der Masterarbeit /</b> Presentation and Defense of the Master's Thesis

<b>2. Prüfer*in / 2. Examiner</b>	Name in Blockbuchstaben / Name  Unterschrift / Signature
<b>Masterarbeitsfach / Major Subject</b>	<b>Contents of the Major Subject</b>  Major Subject:

<b>3. Prüfer*in / 3. Examiner</b>	Name in Blockbuchstaben / Name  Unterschrift / Signature
<b>Studienfach nach Wahl gemäß Curriculum /</b> Subject of choice according to curriculum	<b>Contents of the Complementary Subject</b>

<b>Unterschrift Befürwortung Studienpräses /</b> Endorsement by Study President	
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<b>Termin / Date</b>	<b>Uhrzeit / Time</b>	<b>Prüfungsort / Place of Examination</b>
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Linz, am / on \_\_\_\_\_

<b>Unterschrift Antragsteller*in /</b> Student signature	
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**genehmigt / nicht genehmigt**

Linz, am \_\_\_\_\_

<b>Unterschrift Vizerektor*in für Lehre und Studierende</b>	
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### Major Subject Computational Engineering

Course	Code	Type	ECTS	Date	Grade
Machine Learning: Supervised Techniques	875BIMLMSTU16	UE	1,5		
	875BIMLMSTV16	VL	3		
Hardware Design	921COENHWDK19	KV	4,5		
Model Checking	921COENMCHU21	UE	1,5		
	921COENMCHV21	VL	3		
Parallel Computing	921COENPACK13	KV	4,5		
Probabilistic Models	921COENPRMV13	VL	3		
Project in Computational Engineering	921COENCOEP13	PR	7,5		
Seminar in Computational Engineering	921COENCOES13	SE	3		
System Software	921SOENSSOK13	KV	3		
Computer Algebra for Concrete Mathematics	921PECOACV20	VL	3		
<b>Total Grade</b>	<b>5 1</b>		<b>37,5</b>		

### Major Subject Intelligent Information Systems

Course	Code	Type	ECTS	Date	Grade
Machine Learning: Basic Techniques	536DASCMLTK24	KV	3		
Accessible Software and Web Design	921INSYASWK13	KV	1,5		
Information Retrieval and Extraction	921INSYIREK13	KV	3		
Integrated Information Systems	921INSYIISK13	KV	3		
Knowledge Based Systems	921INSYKBSK13	KV	3		
Learning from User-generated Data	921INSYLUDU21	UE	1,5		
	921INSYLUDV21	VL	3		
Multimedia Search and Retrieval	921INSYMSRK13	KV	4,5		
Project in Intelligent Information Systems	921INSYINSP13	PR	7,5		
Seminar in Intelligent Information Systems	921INSYINSS13	SE	3		
Web Information Systems	921INSYWISK13	KV	4,5		
<b>Total Grade</b>	<b>5 2</b>		<b>37,5</b>		

### Major Subject Networks and Security

Course	Code	Type	ECTS	Date	Grade
Computer Forensics and IT Law	921NESECILV13	VL	3		
Cryptography	921NESECRYK13	KV	3		
Information Security Management	921NESEISMV13	VL	3		

Introduction to IT Security	921NESEIISV13	VL	3		
Network Management	921NESENMAK13	KV	3		
Network Security	921NESENSEK13	KV	1,5		
Project in Networks and Security	921NESENESEK13	PR	7,5		
Secure Code	921NESESECK13	KV	1,5		
Security Models in Information Systems	921NESESISK13	KV	3		
Seminar in Networks and Security	921NESENESS13	SE	3		
System Administration	921NESESADK13	KV	3		
Systems Security	921NESESYSK13	KV	3		
<b>Total Grade</b>	<b>5 3</b>		<b>37,5</b>		

### Major Subject Pervasive Computing

Course	Code	Type	ECTS	Date	Grade
Computer Vision	921PECOCOVU20	UE	1,5		
	921PECOCOVV20	VL	3		
Pervasive Computing: Desing and Development	921PECOPDDU13	UE	1,5		
	921PECOPDDV13	VL	3		
Pervasive Computing: Systems and Environments	921PECOPSEU13	UE	1,5		
	921PECOPSEV13	VL	3		
Principles of Cooperation	921PECOPCOU13	UE	1,5		
	921PECOPCOV13	VL	3		
Principles of Interaction	921PECOPINU13	UE	1,5		
	921PECOPINV13	VL	3		
Project in Pervasive Computing	921PECOPECP13	PR	7,5		
Seminar in Pervasive Computing	921PECOPECS13	SE	3		
Machine Learning and Pattern Classification	921PECOMLPU20	UE	1,5		
	921PECOMLPV20	VL	3		
<b>Total Grade</b>	<b>5 4</b>		<b>37,5</b>		

### Major Subject Software Engineering

Course	Code	Type	ECTS	Date	Grade
Formal Methods in Software Development	921SOENFMSK13	KV	4,5		
Model-driven Engineering	921SOENMDEK13	KV	3		
Principles of Programming Languages	921SOENPOPK13	KV	3		
Project in Software Engineering	921SOENSEOP13	PR	7,5		

Requirements Engineering	921SOENREQK13	KV	3		
Seminar in Software Engineering	921SOENSEOS13	SE	3		
Software Architectures	921SOENSARK13	KV	4,5		
Software Processes and Tools	921SOENSPTK13	KV	3		
Software Testing	921SOENSOTK13	KV	3		
System Software	921SOENSSOK13	KV	3		
<b>Total Grade</b>	<b>5 5</b>		<b>37,5</b>		

### Major Subject Data Science

Course	Code	Type	ECTS	Date	Grade
Machine Learning: Supervised Techniques	875BIMLMSTV16	VL	3		
Big Data Management and Processing	921DASIBDMK17	KV	3		
Computational Data Analytics	921DASICDAK17	KV	3		
Probabilistic Models	921COENPRMV13	VL	3		
Project in Data Science	921DASIDASP17	PR	7,5		
Seminar in Data Science	921DASIDASS17	SE	3		
Visualization	921DASIVIAV24	VL	3		
Statistical Principles of Data Science	951SMDSSPDK17	KV	6		
<b>Data Warehousing</b>			<b>6</b>		
Data Warehousing	926BUSIDAWV14	VL	3		
	926BUSIDAWU14	UE	3		
<b>Total Grade</b>	<b>5 6</b>		<b>37,5</b>		

### Complementary Subject

Course	Code	Type	ECTS	Date	Grade

<b>Total Grade</b>	<b>10</b>		<b>27</b>		

**Master's Thesis Seminars**

Course	Code	Type	ECTS	Date	Grade
Master's Thesis Seminar SS	921MAARMASS13	SE	8		
Master's Thesis Seminar WS	921MAARMAWS13	SE	8		
<b>Total Grade</b>	<b>15</b>		<b>16</b>		

**Free Electives**

Course	Code	Type	ECTS	Date	Grade
<b>Total Grade</b>	<b>20</b>		<b>12</b>		

The Vice-Rector for Academic Affairs