

Science
and Technology



University of
Applied Sciences
Krems | Austria

Master

Engineering Responsible AI Systems*

Responsible AI Systems | Software Engineering & Data Analysis |
AI & Machine Learning

* Subject to approval by AQ Austria

www.imc.ac.at

What awaits you during your studies

Engineering Responsible AI Systems*

Artificial intelligence (AI) is playing an increasingly important role in many areas of our lives. Our master degree programme in Engineering Responsible AI Systems responds to this trend by focusing on the development of advanced AI systems that respects ethical guidelines, transparency, and environmental sustainability. Acquire state-of-the-art expertise at the intersection of computer science, sustainability and ethics!



At a glance



Part-time

Courses normally take place from Friday 2 p.m. to Saturday, including online lectures and blended learning.



English

The language of instruction is English. This prepares you for your international career in a multicultural environment.



4 semesters

You will complete your degree in 4 semesters, or 2 years, with a total workload of 120 ECTS. Graduates receive the academic degree of Master of Science (MSc) in Engineering.



Study fee

EU/EEA citizens pay a study fee of EUR 363.36 per semester, plus the student union fee.

Did you know that ...

... you will cultivate future skills within multidisciplinary and intercultural teams throughout your studies? Your ability to effectively communicate complex scientific ideas will significantly contribute to the development of innovative solutions.

Modules | Part-time

SEMESTER I Technical Foundations and AI Architecture	SEMESTER II Artificial Intelligence Models and their Implementation	SEMESTER III Mobility Window Responsible AI & Practical Implications	SEMESTER IV Advanced Studies and Future Expertise
STATISTICS AND BIG DATA ANALYSIS	GENERATIVE MODELS & DEEP LEARNING	RESEARCH METHODS SEMINAR	MASTER EXAM
SUSTAINABILITY & GREEN AI	NLP & COMPUTER VISION	CURRENT TOPICS IN RESPONSIBLE AI	FUTURE SKILLS: DIGITAL LEADERSHIP & ENTREPRENEURSHIP
SOFTWARE ENGINEERING FOR AI	FEDERATED MACHINE LEARNING	DATA VISUALISATION, PRESENTATION & COMMUNICATION SKILLS	AI REGULATIONS & COMPLIANCE
AI ARCHITECTURE & CLOUD COMPUTING	SIMULATION & OPTIMISATION	APPLICATIONS OF RESPONSIBLE AI	MASTER THESIS
MACHINE LEARNING	DATA PRIVACY & SECURITY	HUMAN-CENTRED & EXPLAINABLE AI	
KNOWLEDGE REPRESENTATION & REASONING	INTERNET-OF-THINGS & DATA MANAGEMENT	AI ETHICS, TRUSTWORTHY AI & FAIRNESS	

Subject to possible alterations

Your professional fields and future areas of responsibility

As a graduate, you will have the opportunity to gain a foothold in exciting professional fields, for example in healthcare, finance, the IT industry, data-intensive enterprises, circular economy, in the fields of sustainability or education.

IMC. It's all in me.

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Accreditations



Memberships

