

# Branch:Computer Science



**Code:** ARTINT

**Option:** Artificial intelligence

**Level:** Master

**Prerequisites:**

**Opportunities:**

SENIOR AI SCIENTIST

As a Senior AI Scientist, you will be responsible for the design and development of AI-based systems such as intelligent assistance systems or automated decision systems. You will also work at the interface between humans and machines at all times - a very forward-thinking work environment. As a Senior AI Scientist, you will also mentor juniors, lead a team and support important decision-making processes.

AI TEAM LEADER

As an AI Team Leader, you have a great deal of expertise: you are responsible for building up a team of senior and junior AI specialists and for making important recruitment and personnel decisions. As a leader, you will keep an eye on all projects and ensure that results are delivered on time and to a high standard. You will also liaise with internal and external stakeholders and advise on new developments.

INTERACTION DESIGNER AI

The combination of human and artificial intelligence is one of the biggest challenges when it comes to designing the workplace of the future. Alongside the opportunities to bring valuable AI services to a wide range of products, there

are challenges and questions about best practice and guidelines for user-friendly design. As an AI Interaction Designer: in, your main responsibility is to design the working environment so that humans and machines can work together in a meaningful way.

**Description:**

The Master's program builds on your existing computer science knowledge and provides in-depth knowledge in the areas of machine learning, neural networks and reinforcement learning through practical projects. In addition, you will learn all about the cognitive processes of computational language and image processing as well as the development of AI systems.

**Specific competences:**

The digital revolution has changed our lives like no technology ever has before. And the triumph of bits and bytes is far from over: the new magic word is artificial intelligence. Applications such as autonomous driving or self-learning systems are just the beginning of an exciting journey into the future. With your Master's degree in Artificial Intelligence at UUT, you will play a key role in shaping this journey and be the first to arrive in the future.

**Quality and competences:**

Artificial intelligence offers an infinite range of possible applications, so you are completely free to choose the field you want to work in later. Nevertheless, you can already specialize in advanced robotics 4.0, image and speech processing or data engineering during the MSc Artificial Intelligence program.