



Institute for Intelligent Systems



New Postgraduate Programme

Master of Artificial Intelligence

DREAMING OF A CAREER IN ARTIFICIAL INTELLIGENCE?

The Institute for Intelligent Systems (IIS) is pleased to offer a new postgraduate programme:

Master of Artificial Intelligence.

Artificial Intelligence (AI) has emerged as a key cross-cutting technological feature of the Fourth Industrial Revolution, that has begun to penetrate all sectors of society. AI is strongly associated with the context of its application, and everything from the financial services to healthcare now implore AI application, research and development. There is an overwhelming need for Artificial Intelligence skills across South Africa and the globe, with a high demand for specialized research and development, and applied skills in AI.

In keeping with University of Johannesburg's focus on leading the way in the Fourth Industrial Revolution, UJ's flagship institute, IIS, is offering a multidisciplinary professional masters programme in AI. The Master of AI programme is the first of its kind in the country, and takes a sharp, deep, quantitative, qualitative, conceptual, empirical, creative and analytically creative approach that will give students a good handle on this complex and dynamic field.

ENTRY REQUIREMENTS

Honours or NQF level 8 qualification in Engineering, Commerce or Economics, or Mathematical Sciences, Natural Sciences or Computer Science.

Bachelor of Technology in aforementioned disciplines/ fields, with at least one year of relevant work experience or research experience.

Students are selected on the basis of academic merit and an approved field(s) of study. Student must have completed a minimum of NQF level 5 Mathematics during undergraduate studies.

PROGRAM OVERVIEW

This programme is offered through full-time (1-year) or part-time (2 years) study. Master of Artificial Intelligence is a professional masters qualification that combines eight taught modules and an independent research project:

- Programming for Artificial Intelligence
- Mathematics and Statistics for Artificial Intelligence
- Research Methodology
- Psychology and Artificial Intelligence
- Brain Morphology and Functionality
- Machine Learning
- Ethics of Artificial Intelligence
- Research Project
- Elective in Applied Artificial Intelligence

HOW TO APPLY AND REGISTER

The university will soon be accepting applications for this programme via the online application system. Should you be interested in applying for the programme, please visit <https://www.uj.ac.za/admission-aid/postgraduate/> and apply for the Master of Artificial Intelligence with Programme Code: **M6AI2Q**. Then email certified copies of your supporting documents to ujappdocs@listrv.uj.ac.za with your reference number as the subject line.

Please note that there are a limited number of seats available for the 2022 programme intake. Candidates will be selected on the basis of eligibility and academic merit.

ENQUIRIES

For further information and queries relating to this programme, you may contact:

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