



National MSc in Artificial Intelligence

Frequently Asked Questions

► What are the academic entry requirements?

As this is a highly technical Masters course, applicants must have sufficient competence in mathematics and computer programming to be able to participate.

The principal entry requirement is a Level 8 honours degree in a relevant engineering, computing, mathematics, science or technology discipline.

Applicants who do not meet the requirements above may be considered under the University of Limerick's Recognition of Prior and Experiential Learning which takes into account the applicant's knowledge, skills, and experience. We will guide you through the process.

► Will the course be heavy on programming/coding or more on theories and applications?

The course uses an appropriate mix of theory and applications. Students will be able to apply machine learning theory to real-world problems in all modules. Python will be used throughout and experience in this language is advantageous, but not a prerequisite. The first module on the programme allows students to obtain sufficient coding skills for the programme.

► What are the Module Assessment Strategies?

Assessment is largely based on assignments and online exams with a practical rather than theoretical focus.

► What fees do I need to pay?

The fees are subsidised by Technology Ireland ICT Skillnet for eligible participants, which reduces the cost of the MSc to €3,895 per annum.

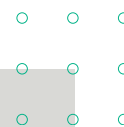
There is an additional cost of €1,950 for the 14-week compulsory preparatory certificate course.

All fees in each year are payable prior to the commencement date in that year.

► What are the funding eligibility requirements?

Applicants must be employed in a private or commercial semi-state organisation registered in the Republic of Ireland to avail of the Technology Ireland ICTSkillnet grant-aid.

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► How do I apply?

Candidates should first apply to Technology Ireland ICT Skillnet for initial eligibility screening. Once your eligibility is confirmed, we will send you the link to the University of Limerick application portal. You will need your Academic transcripts and certificates for the formal application.

Once you receive an Offer from University of Limerick, Technology Ireland ICT Skillnet will guide you through making your payment and accepting your grant-aided offer.

► If I am not eligible for the Technology Ireland ICT Skillnet grant-aid, can I still apply?

You may be able to apply directly to University of Limerick, paying the full course fees while places are still available.

► How much time do I need to commit to the programme?

Candidates should bear in mind that this is a level 9 programme. Contact time will vary from 2 to 4.5 hours per week over the semester, but students will be expected to make approximately a 15-20 hour commitment per week on average to include lecture time, study, research, assignment time etc.

► What is the Certificate in AI and is it mandatory?

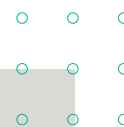
The programme runs over 2 years with 5 teaching semesters and 1 research project semester, including the Certificate in Artificial Intelligence in semester 1.

Participants must complete the preparatory Certificate in Artificial Intelligence to the equivalent of a 2nd class honours level to be eligible for entry to the Masters, regardless of their prior qualifications or experience.

► What is covered on the Certificate in AI?

The objective of the 14-week Certificate in AI is to introduce scientific computing, programming languages, and host platforms. The two modules are:

1. Introduction to Scientific Computing for AI Introduces the core mathematics and core programming skills required in machine learning. You will hone your Python coding skills as well as your knowledge and skills in Calculus, Linear Algebra and Probability Theory as the three core areas of mathematics that underpin machine learning.



2. Introduction to Deep Learning and Frameworks
Previews the exciting possibilities that modern machine learning offers, introducing you to the core methods used in machine learning and state-of-the-art networks, such as Convolutional Neural Networks.

► Is there any further detail on the module content?

[Yes, can view the modules by clicking here.](#)

You can access module descriptors [via the UL website by clicking here.](#) Enter the module title (or module code) into the search bar.

► Are lectures live?

The programme has been developed with the full-time working student in mind with a mixture of asynchronous lectures (access at any time), synchronous lectures (on-line at specific times) and moderated online discussions.

The live sessions are generally held in the evenings outside of regular work hours. Days and time for these are confirmed prior to module start. It is usually one per week per module.

These sessions are recorded and made available for students who cannot attend the live sessions.



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