

## ADMISSION PROCESS

### 2026-2027 ACADEMIC YEAR

#### APPLICATION FOR ADMISSION TO GRADUATE STUDY

Submit a complete application form including all required documents as instructed below. Incomplete applications will automatically be rejected. Completed applications can be submitted by email: [master\\_admission@ufar.am](mailto:master_admission@ufar.am)

#### Deadlines of submission:

- **Early Admission:** Deadline: February 15, 2026. Applicants who apply by this date will receive a 15% discount on the tuition fee for the first semester.
- **Regular Admission:** Deadline: March 31, 2026.  
Benefits: Students admitted through **Early** and **Regular** admissions may qualify for military deferment and merit-based scholarships.
- **Rolling Admission:** Deadline: July 15, 2026 (subject to availability).

Applications submitted after the set deadlines will be deemed ineligible.

#### Minimum entry requirements

##### Mandatory documents to accompany the application form

1. A bachelor degree or equivalent (180 ECTS or 240 ECTS) in a French, Armenian or foreign HEI with the specialization of the requested Master or at least 3 years of experience if the requested master differs from the awarded degree. Both the diploma and the transcript need to be presented.

A Bachelor's degree in a STEM field is essential, such as Computer Science, Computer Engineering, Electrical Engineering, Mathematics, or Physics. Formal coursework equivalent to a senior-level course in theoretical computer science.

Foundational knowledge and skills prerequisites:

**Calculus:** College-level understanding of single-variable and **Multivariable Calculus**. Multivariable calculus is foundational for optimization tasks in AI, such as gradient descent.

**Linear Algebra:** College-level understanding of linear algebra. This provides the foundation for Deep Learning models by handling multi-dimensional datasets and matrix operations.

**Probability and Statistics:** A strong background in probability theory and statistics. This is essential for evaluating models, analyzing predictions, and handling uncertainty in AI systems.

**Discrete Mathematics:** Bachelor-level understanding of discrete math and mathematical logic.

**Programming Proficiency:**

**Core Skill:** Proficiency in programming languages, particularly **Python** due to its extensive ecosystem of AI and Machine Learning libraries (TensorFlow, PyTorch, Scikit-learn, Pandas).

**Other Languages:** Familiarity with other relevant languages like Java, C, and R are beneficial.

**Experience:** Evidence of having carried out programming projects.

**Data Structures and Algorithms:** A firm grasp of fundamental data structures (e.g., trees, graphs) and classical algorithms (e.g., searching, sorting, graph algorithms). This includes the ability to apply **Big O notation** for performance analysis.

**Data Management:** Knowledge of data modeling, data processing, and experience with databases, including SQL and NoSQL. Familiarity with big data tools (e.g., Apache Spark, Hadoop) is a plus.

**Core AI/ML Concepts:** Basic knowledge of AI concepts, machine learning paradigms (supervised/unsupervised learning), and an introduction to neural networks is highly recommended.

2. English language proficiency test scores<sup>1</sup>:
  - ✓ IELTS Academic: minimum 6,5 with no individual band score lower than 6,0
  - ✓ TOEFL minimum 79 with no individual band score lower than 19
  - ✓ Cambridge Assessment English FCE (the *FCE for Schools* will not be accepted)
  - ✓ Cambridge Assessment English BEC Higher
  - ✓ Cambridge Assessment English CAE
  - ✓ Cambridge Assessment English CPE
3. Letter of Motivation (in English)
4. CV in English (Europass format)
5. The invoice/payment slip of the administrative fee (25,000 drams). This amount is deductible from tuition fees in the event of admission, but non-refundable in the event of withdrawal or non-admission.

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<sup>1</sup> The validity of IELTS and TOEFL certificates is two years from the date the certificates were issued.

## **Requisites for administrative fee payment**

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Հասցե - ք. Երևան, Դավիթ Անհաղթի 10

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Վճարման նպատակը՝

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Հայրանուն

Բանկ - "ԱԿԲԱ-ԿՐԵԴԻՏ ԱԳՐԻԿՈԼ ԲԱՆԿ" ՓԲԸ, "ԶԵՅԹՈՒՆ" մանսաճյուղ

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## **The admission procedures are as follows:**

- ✓ submission of complete application,
- ✓ review of the application by the committee comprised of the dean of the Faculty of Informatics and Applied Mathematics of UFAR, the Associate Dean (or an authorized member acting on his behalf) of University Toulouse III Paul Sabatier, chair heads and other internal stakeholders as deemed necessary,
- ✓ admission interview and additional examinations if necessary, resulting in validating or invalidating the application.

## **Important provisions**

- ✓ No applications will be accepted beyond the deadlines set by UFAR.
- ✓ Incomplete applications will not be processed.
- ✓ Admitted **external candidates cannot be eligible** for a merit-based scholarship for the first year. Admitted **internal candidates can be eligible** for a merit-based scholarship for the first year.

## **Further information**

- ✓ For any information regarding the academic program please email Kristina Sargsyan-the Dean of the Faculty of Informatics and Applied Mathematics at [respch\\_imam@ufar.am](mailto:respch_imam@ufar.am)
- ✓ For any questions regarding the admission process please email us at [master\\_admission@ufar.am](mailto:master_admission@ufar.am)