

# SCHOLARSHIPS FOR THE MASTER DEGREE IN *Intelligent systems and Multimedia*

**2** A Double Master Degree granted by:  
La Rochelle University in France  
Vietnam National University of Hanoi (VNU)



INSTITUT  
DE LA FRANCOPHONIE  
POUR L'INNOVATION



## SCHOLARSHIPS

### - Reduced tuition fees:

Students are only required to pay around **3300\$**, equivalent to **50%** of the total cost of the program

### - "La Francophonie" scholarship

All the foreign students will benefit from a monthly allowance for a period of 16 months, which covers a total of housing costs at VNU' student hall, and part of daily expenses.

### - Orchestra Networks scholarship

An amount of **6600\$** will be granted to excellent students by Orchestra Network, a leading company in big data management.

### - AUF scholarship for international students

This amount is dedicated to students coming from a country of La Francophonie to Vietnam

## ACHIEVEMENTS

- > **22** classes since 1995
- > **500** graduates from over 20 countries
- > **200** graduates who continued their further study in France & in other developed countries
- > **100%** International and Vietnamese professors at PhD level

## CONTACT

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## APPLICATION DEADLINE (Final term)

15/09/2018

## OVERVIEW

The IFI's Master Degree in Multimedia System, in collaboration with La Rochelle University (France), combines different fields of study in Information Technology (modeling and simulation, artificial intelligence, data mining, human-computer interaction, software engineering, etc). The aim of the program is to enable students to design and build intelligent decision support systems based on the processing of multimedia data, which keeps abreast of latest innovations in information technology, particularly in the "Industrial Revolution 4.0". This Master in Multimedia System is one of the two pioneers, at this level of higher education in Vietnam, which has been awarded the "International Standard Training Program" by the Francophonie University Association (AUF).

## CURRICULUM

Under the European Framework, the curriculum comprises 28 modules (123 ETCS), including:

### Master 1 :

- Advanced software engineering
- Project management
- Artificial intelligence and multimedia systems
- Network design and architecture
- Advanced databases
- Data mining in search engine
- Fundamental of UNIX

### Master 2 :

- Virtual and augmented reality
- Computer vision
- Human - computer interaction
- Interactive systems engineering
- Pattern recognition
- Modeling and simulation of complex systems
- Advanced design & data analysis

## CAREER PROPECTS

- IT project manager
- RnD Engineer .
- Teacher-researcher at universities or research institutes
- Continuation of PhD studies abroad or in Vietnam

## REQUIREMENTS

- Bachelor's degree (BAC+3 level) in Information Technology or equivalent
- Level of French language: DELF B1 required at the entrance of the course, and DELF B2 required at the beginning of the 2nd year (according to the Common European Framework of Reference for Languages) or equivalent.

## Call for Applications - International Double Master Degree in Intelligent Systems and Multimedia

*2018-2020 Academic Year*



The Institute of Francophonie for Innovation (IFI), a member of Vietnam National University in Hanoi (VNU), would like to announce the program of the academic year 2018-20 for the Master of Information Technology in Intelligent Systems & Multimedia.

### I. ABOUT THE PROGRAM

#### 1. Overview

The new Master Degree in Intelligent Systems & Multimedia combines different fields of study in Computer Science (modeling and simulation, artificial intelligence, data mining, human-computer interaction, software engineering, etc.). The aim of the program is to enable students to design and build intelligent decision support systems based on the processing of multimedia information. In addition, graduates will gain advanced training and knowledge of latest innovations in science and technology, particularly in the context of “Industrial Revolution 4.0”.

#### 2. Advantages

- The program is designed to provide graduates with specialized knowledge and abilities in preparation for the development of The Industrial Revolution 4.0

- A double degree will be granted, including:
  - + The Master in Information Technology (by Vietnam National University)
  - + The Master in Multimedia Information Systems (by La Rochelle University, France).
- The Master's program will give graduates opportunities to work for many large technology companies both locally and internationally, as well as in prestigious universities and research institutes all over the world.
- Taught in French, this European Standard Joint Program is recognized internationally and at this level of international programs in Vietnam, which has been awarded the "International Standard Training Program" by the Francophonie University Association (AUF).
- Deployed for over two decades (since 1995), The Master's Program has granted diplomas for more than 500 graduates, half of whom continued to pursue Doctoral Studies in France and in developed countries.
- The international and interactive learning environment in VNU's campus gives learners access to professors and students from different countries, along with many job and internship opportunities overseas.

### 3. Curriculum

Year 1 (Master 1):

The first year will prepare students for general knowledge on both theoretical and practical aspects in information technology, which consists two semesters.

[Find out more about the Master 1 program](#)

Year 2 (Master 2):

The second year offers students a broad range of specialized topics for the third semester, and a 5-6 month internship in companies and laboratories in the country of your choice for the last semester.

[Find out more about the Master 2 Program](#)

## II. REDUCED TUITION FEES AND SCHOLARSHIPS

### 1. *Reduced tuition fees:*

For the 23<sup>rd</sup> class (2018-20), 40 qualified students will pay only an amount of 3300 USD, equivalent to 50% of the tuition fees, thanks to the cooperation between VNU and its partners.



## 2. “La Francophonie” scholarship

All foreign (non Vietnamese) students will benefit from a monthly allowance for a period of 16 months, which covers the housing costs at VNU’s student hall and part of their daily expenses.

## 3. Orchestra Networks scholarship:

An amount of 6600 USD will be granted to excellent students by Orchestra Network, a leading company in big data management. The recipients of the “La Francophonie” scholarship are not eligible for this financial aid.

## 4. AUF scholarship for international students

This amount is dedicated to students coming from a country of La Francophonie to Vietnam. Application deadline: 30/7/2018

## III. REQUIREMENTS

### 1. Qualifications:

- Bachelor’s degree (BAC +3 in France) in Information Technology or equivalent
- Level of French language: DELF B1 required at the entrance of the course, and DELF B2 required at the beginning of the 2nd year (according to the Common European Framework of Reference for Languages) or equivalent.

### 2. Selection procedure

- + CV screening
- + Interview (via Skype or email)

*References: degree certificate, academic transcript, certificate of language, letter of recommendation, statement of purpose, etc.*

### 3. Schedule:

No	Process	1 <sup>st</sup> term	2 <sup>nd</sup> term	3 <sup>rd</sup> term
1	Application form	21 January – 06 April 2018	15 May – 30 June 2018	1 July – 15 September 2018
2	Admission interview	21-29 April 2018	20 September 2018 (Estimated start date)	
3	Entry date	1 December 2018		

## 4. HOW TO APPLY





#### 4.1. Application documents:

1. Registration form written in English (in .doc or .pdf formats) with photo and signature (available here: [http://ifi.edu.vn/uploads/news/2018\\_05/application-form-vnu-ifi-2018.doc](http://ifi.edu.vn/uploads/news/2018_05/application-form-vnu-ifi-2018.doc))

2. Curriculum vitae (*in French*)

3. Motivation letter (*in French*)

4. Certified copy of original Bachelor's Degree (*in French and English*)

5. Certified Copy of original Transcript of Records (*in French and English*)

6. Letter of recommendation from a professor or an expert in Information Technology (*in English*)

7. Health certificate issued by health institutes of the country where the candidate resides, which is valid for no earlier than six months prior to deadline (*with certified translation into English*). This document must ensure that the applicant does not suffer from any infectious or congenital diseases.

8. Certified copy of passport valid for no more than 30 months

9. 4 photos (3x4 cm) (taken during the six 6 months before the application deadline)

10. Proof of financial resources for studying in Vietnam, including all documents in *English* as follows:

- Candidate's banking account statement in their country, certified by a bank and showing a minimum deposit of 3500 USD or its equivalent,

- Financial support letter provided by the organization or the person that funds their study (with a copy of their identification card and their banking account statement showing at least 3500 USD or its equivalent),

- Candidate's banking account statement in Vietnam (if possible), certified by a bank and showing a minimum deposit of 3500 USD or its equivalent

- Evidence of study loan issued by a bank

- Other relevant supporting documents.

\* *The amounts shown in the statements must be in USD ( converted from another currency according to the exchange rate of the State bank).*

#### 4.2. Application submission



- Step 1:

The online registration form (in *.pdf format*) must be submitted to one of the two following addresses: *etudes@ifi.edu.vn* or *etudes.ifi@gmail.com* prior to the mentioned deadline.

- Step 2:

Successful applicants will be required to provide the original documents upon their arrival in Vietnam.

#### IV. CONTACT

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**Facebook:** <https://www.facebook.com/IFI.VNU>

*\*For information about student life at IFI in Hanoi: <http://bit.ly/Student-IFI>*

