

SCHOLARSHIPS FOR THE MASTER DEGREE IN

Data Communication and Computer Networks

2 A Double Master Degree granted by: Claude Bernard University Lyon 1 (France) and Vietnam National University of Hanoi (VNU)



SCHOLARSHIPS

- Reduced tuition fees

For the 20th promotion (2018-2020), all students will pay only around 80 million dong (~ 3500 USD), equivalent to **50%** of the total cost (160 million dong), thanks to the support of the IFI partners

- "La Francophonie" scholarship

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

- Orchestra Networks scholarship

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

ACHIEVEMENTS

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

CONTACT

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APPLICATION DEADLINE (Final term)
15/10/2018

OVERVIEW

The Master Degree in Data Communication and Computer Networks combines different fields of study (Advanced Networks, Storage, Cloud and Virtualization, Network Security, Advanced Ad-Hoc Networks, Wireless and Mobile Networks, Systems Administration and networks, etc.). The program aims to design and build sustainable communication platforms that ensure transparent and permanent service; which keeps abreast of latest innovations in information technology, particularly in the "Industrial Revolution 4.0". This Master in Data Communication is one of the two pioneers, at this level of higher education in Vietnam, that has been awarded the "International Standard Training Program" by the Francophonie University Association (AUF).

MODULES

Master 1 :

- Advanced software engineering
- Project management
- Artificial Intelligence & Multi-Agent Systems
- Network design and architecture
- Advanced databases
- Data mining and information retrieval
- Introduction to Unix
- Image processing

Master 2 :

- Wireless and mobile networks
- System and network applications
- Human-computer interaction
- Advanced networks
- Storage, Cloud and Virtualization
- Network Security
- Advanced systems
- Systems and Networks Administration
- A 5-6 month internship

CAREER PROSPECTS

- IT project manager
- System and network administrator
- Infrastructure architect
- IT Security Consultant
- Computer Security Engineer
- Teacher-researcher at universities or research institutes
- Continuation of PhD studies abroad or in Vietnam

REQUIREMENTS

- Bachelor's degree (BAC +3) in computer science or any related field
- 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
Data Communication and Computer Networks
Promotion 2018-2020



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 Data Communication and Computer Networks.

I. ABOUT THE PROGRAM

1. Overview

The Master's Degree in Data Communication and Computer Networks option combines different fields of study (Advanced Networks Storage, Cloud and Virtualization, Network Security, Advanced Ad-Hoc Networks, Wireless and Mobile Networks, Systems and Network Administration, etc.). The program aims to enable students to design and build sustainable communication platforms that ensure transparent and permanent services. 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

- A double degree will be granted, including:
 - + The Master in Information Technology (by Vietnam National University, VN)
 - + The Master in System, Networks and Virtual infrastructures (by Claud Benard University Lyon 1, 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.
- The Program, in compliance with European Standard, is among of the two pioneers that 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 400 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

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 20th promotion (2018-2020), 40 qualified students will pay only around 80 million dong (~ 3500 USD), equivalent to 50% of the total cost (160 million dongs), thanks to the support of the IFI partners

2. 'La Francophonie' scholarship:

All of the foreign students will receive a monthly allowance for a period of 16 months, which covers housing costs at VNU student hall and part of the 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.

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	1st term	2nd term
1	Application form	15 May – 30 June 2018	1 July – 15 October 2018
2	Admission interview	20 October 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)
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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**For information about student life at IFI in Hanoi: <http://bit.ly/Student-IFI>*