



# International Master Program in Information Systems & Applications



# Introduction

International Master Program in Information Systems and Applications (IMPISA) is offered by the Institute of Information Systems and Applications, and designed to offer students knowledge in many emerging technology fields and information professions.

The primary research subjects of this program include three major fields:



**1. Data Science:** IMPISA is a multidisciplinary academy that gives professional training and serves as an incubator for Data Scientists. We have students from different backgrounds including Engineering, Education, Business, Humanity, Society, and Medicine. In this diverse environment, students can study different fields of Data Science: Data Mining, Machine Learning, Artificial Intelligence, Natural Language Processing and Big Data Analysis.

**2. Creative Multimedia:** IMPISA has an abundance of experience in creative multimedia where we have obtained some distinctions and breakthroughs. In this field, we are focusing on combining information system with other areas, such as Wireless Multimedia Networking Technologies and Computer Vision for Visual Effects, just to name a few.



**3. Human-centered Interaction and User Experience:** Human-centered interaction and user experience consist of topics related to Intelligent Human Computer Interface, Natural Language, Learning Technology and Information Media. Based on the four topics, we also extend our research to Game Programming, User Experience, Social Computing, Intelligent Agents, MOOCs, E-learning and much more.

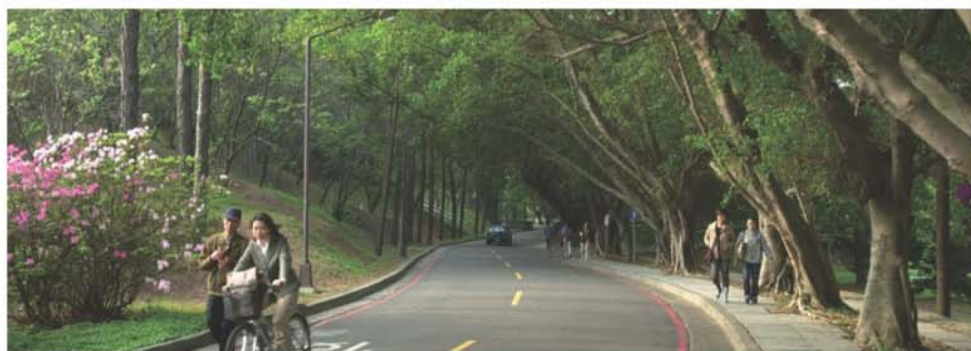


## Course requirements:

- A minimum of 28 course credits must be completed, including 4 credits for MS thesis, 2 credits for participating in Seminars in the 1st year, and 2 credits for Independent Study in the 2nd year.
- Each student must complete at least 3 courses (3 credits each) from Institute of Information Systems and Applications(ISA) or Department of Computer Science(CS).
- Two pre-requisite courses: Data Structure and Computer Programming.
- Complete the Online "Academic Research Ethics Education Course".

## Location

National Tsing Hua University is located next to the hi-tech industrial district-Hsinchu Science and Industrial Park, which serve as an ideal training place for students.



The last two photos are from the digital archive in the Division of Learning Technology of National Tsing Hua University.

# TaiwanICDF scholarship

Items covered by the scholarship	Duration of the scholarship	Contact
Airfare (Economy class) Dorm fee Health insurances Tuition and credits fees Textbooks Allowance (TWD 15,000/month)	Two years	Taiwan embassy or Taipei Economic Representative Office in your country: <a href="http://www.icdf.org.tw/mp.asp?mp=2">http://www.icdf.org.tw/mp.asp?mp=2</a>  Home > Operations > International Education and Training > International Education and Training

## Alumni Voice



**Fernando (Honduras):** When evaluating ICDF programs IMPISA stood out as a very interesting innovative program, just by the courses offered it caught my attention, for example data mining, bioinformatics, social computing, etc...They all gave it a very interesting profile getting into current and future technological trends.



**Nelson (Honduras):** In my opinion, NTHU is the best place to study in Taiwan. International students can benefit from the state-of-the-art resources the university offers. For instance, NTHU has a high-tech library where you have access to books, e-books, journals and all kind of information you may need for your research. In addition, people in NTHU make you feel like home.



**Enkhbold (Mongolia):** The benefits that I'm gaining from the IMPISA is not only limited by academic knowledge of emerging technologies, most importantly I'm learning "how to think" and "how to speak", the life lessons. In a brief, you will learn most important skills such as critical thinking.



**Edwin (El Salvador):** IMPISA is a great program since it has this degree of flexibility that allows you to research the areas that you like the most, or to improve your knowledge in areas you lack expertise. Faculty is really modern, that lab is great, school is a city in its own right, Hsinchu City is a great fit since it's so tranquil, which is ideal for a study environment.



**Jorge (Honduras):** Life in Taiwan could not be any better. This country has beautiful people, incredible food, and a very interesting culture. I would like to encourage people out there to get to know more about this island.





# School Admission Application

We only accept Online Application

NTHU International Student Online Application System

Set up your account

Fill in the Application Information

Confirmation

Print-out

Upload all the required documents

Press "SUBMIT"

Track you application

# Scholarship Application

Go to the website of TaiwanICDF  
at <http://www.icdf.org.tw/TSP/Welcome.aspx>

Set up your account

Fill in the online application form

Confirm your application information

Print-out related forms

Mail or deliver application documents to the R.O.C (Taiwan) Embassy/  
Representative or Taiwan Technical Mission in your country

Track you application

**Note:** In order to be eligible for the TaiwanICDF scholarship, international students must simultaneously prepare two types of applications: 1) Application for admission at the National Tsing Hua University, 2) TaiwanICDF scholarship application.

**Application period:** January 1st to March 15th



## Contact information:

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