



## National Tsing Hua University

### *International Master Program in Information Systems and Applications*

#### ▲ ABOUT THE PROGRAM

National Tsing Hua University is located next to the Industry Technology Research Institute (ITRI) and Hsinchu Science and Industrial Park. Within an hour driving, you can reach the Hsinchu Industrial District, Chu Nan Industrial District, Tai Chung Industrial District and Tung Luo Industrial District. Apart from all these industrial districts, National Tsing Hua University already has very strong research sources, achievements and work teams of Science, Engineering, Life Science, Humanities & Social Science and Technology Management. The key direction of this program is twofold: One is to combine technology talents and resources within the school; the other is to take the hi-tech industrial companies next to National Tsing Hua University as training places for students.

The plan of this program is to follow certain directions as the intention of development of IMPISA. The directions are as follows:

1. Train innovative information technology personnel. The courses will focus on the three major fields:

(1) Data Science

We are looking for students from different domain knowledge, such as electrical engineering, education, business management, humanities & social sciences, and medicine. Under the cross-scope and multi-cultural environments plus the lectures and advising from our professors who are specialized in data mining, machine learning, artificial intelligence, natural language, and big data analysis, IMPISA is a perfect place to train outstanding data scientists.

(2) Creative Multimedia

IMPISA has lots of experiences in creative multimedia and have obtained some distinguished and breakthroughs in recent years. In this group, we are focusing on combining information system with other knowledges, such as Wireless Multimedia Networking Technologies and Computer Vision for Visual Effects to name a few.

(3) Human-centered Interaction and User Experience

Consist topics related to intelligent human computer interface, natural language, learning technology and information media. Based on the four topics, we also

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extend our research to game programming, user experience, social computing, intelligent agents, MOOCs, E-learning and so on and so forth.

2. Encourage foreign students to take relevant culture courses to learn within a multi-cultural environment.
3. Provide students to have opportunities to visit local technology industries in order to understand Taiwanese industry.
4. Assist students to participate in research projects from high-tech companies.

**Program Plan**

1. Graduate credits will be 24 credits, plus 4 credits for thesis; altogether there will be 28 credits.
2. There will be two pre-courses, which shall not be counted into the graduate credit, including Computer Programming and Data Structure. Basically, these two courses are prerequisite to apply for this program.
3. IMPISA program will require two years for a student to graduate.

**▲ ENTRY REQUIREMENTS**

1. Completion of a four-year bachelor’s degree or its equivalent.
2. Minimum TOEFL score of 550 (paper-based test)/215 (computer-based test)/80 (internet-based test) or TOEIC score of 750 is preferable, or another certificate of English proficiency for international applicants whose native language is not English

**▲ HOW TO APPLY**

NTHU will be accepting international applications for 2019 Fall from January 1st to March 15th, 2019. All application materials should be submitted on-line to the application system.

- Step 1. Go to NTHU International Student Online Application System: <http://oiaapply.ad.nthu.edu.tw/InternationalDegreeStudent/>
- Step 2. Create a Login ID (email account) and PIN (Personal Identification Number) to set up an account. Once you have an ID and a PIN, please click on "Send". The system will set up an account for you. You can’t start process before setting up your account.
- Step 3. The application has six sections, which are “Applicant Information”, “Family Information”, “Education Background”, “Referee Information”, “Language Background”, and “Other Information”. When finished with each section, please click on “Next” to proceed.
- Step 4. Once you have filled out all the required information, the system will take you to a Confirmation Page. Please confirm that all the information is correct and then press “Confirm”.
- Step 5. Print out all required forms from the online system.
- Step 6. The applicants must prepare and upload all application requirements listed on the checking list. The applicants need to click on submit button to complete their applications.
- Step 7. After submission, you can track the progress of your application at any time using NTHU online system.

## ▲ SUPPORTING DOCUMENTS FOR APPLICATION

You must provide the following supporting documents:

1. Application Form
  - (1) NTHU application form: Applicants must complete the application form through “NTHU International Student Online Application System” (<http://oiaapply.ad.nthu.edu.tw/InternationalDegreeStudent/>).
  - (2) IMPISA-TaiwanICDF application form: [http://web.icdf.org.tw/ICDF\\_TSP/WelcomeStart.aspx](http://web.icdf.org.tw/ICDF_TSP/WelcomeStart.aspx)  
Fill out the online application forms and print them out. Then, submit this TaiwanICDF scholarship application form with the other required documents to the ROC (Taiwan) Embassy/ Representative Office in your country.
2. A Copy of Diplomas/Certificates in English or Chinese  
NTHU only accepts diploma written in English or Chinese. Thus, if your diploma was written in other languages, it should be accompanied by a certified English translation. Applicants who are in the process of completing their studies must submit a letter from the school/university clearly stating the anticipated graduation date and degree. Applicants who will be pursuing a second degree in a different field of study must also submit a photocopy of the first degree/diploma.  
\*Note: Equivalent qualifications holder is required to submit the notarized Certification of Degree and Transcripts by the R.O.C (Taiwan) Embassy/ Representative or Taiwan Technical Mission in your country.
3. Official transcript(s)  
Please upload transcripts from all college, university or post-secondary educational institution (including dates & obtained degrees). Transcripts should include grades for every semester. In addition, the grading system must also be included.  
If the original language of the academic record is not in English or Chinese, a certified English translation must accompany the original transcript. Official copies of credentials must be certified by a school administrative officer of the institution from which the degree was received.
4. Study plan  
Describe your short-term and long-term career goals. Explain how your future experience with IMPISA of NTHU will assist you in reaching these goals contribute. Double-space lines and use a minimum font size of 10. Please include any information that you believe would be helpful to the Admissions Committee in considering your application. (No more than 3 pages.)
5. Letters of Recommendation  
Two recommendation letters are required. Fill out at least 2 referees on the online application form. Once the online application is completed and submitted, the online system will automatically send out the recommendation notice and the link to referees. Preferable referees are faculty members who can evaluate your academic qualifications and research potential.
6. Financial certificate  
All applicants are required to provide financial proof that shows financial sustainability (minimum TWD 120,000) for study in Taiwan, or proof of the

scholarship. If you have a sponsor to satisfy this financial obligation, then your sponsor must provide a letter declaring their relationship to the applicant and their intent to provide financial support throughout his/her period of study. Please note that as proof of scholarship you need to submit the TaiwanICDF Scholarship Application Form.

7. Declaration Form

Print out the declaration form and sign at the end of the form after reading through it. If applicable, we may ask the applicant to submit a copy of the statement of travel record, or the “Forfeited Nationality Permit Certificate” issued by Ministry of the Interior and Non-Household Registration Declaration.

8. Copy of Passport

Provide a verification of your nationality or a copy of your passport.

9. Resume

Describe your background, academic performance and working experience. (500 words maximum)

10. English Proficiency

Students from non-English-speaking countries are expected to be able to read, write, listen, and speak English for admissions into the program. Applicants, whose first language is not English, are required to take an English proficiency test as a part of the application procedure.

We recognize scores from the Educational Testing Service (ETS), written TOEFL, computer-based TOEFL or internet-based TOEFL, taken within past two years. If you do not have a TOEFL score, please submit evidence of English proficiency (i.e. other test scores, the history of taking English courses, etc.)

▲ **FIND OUT MORE ABOUT APPLYING**

Please visit the following websites for further information about the study program and application.

**FOR MORE PROGRAM INFORMATION GO TO:**  
<http://isa.web.nthu.edu.tw/bin/home.php?Lang=en>  
**FOR MORE UNIVERSITY INFORMATION GO TO:**  
<http://oga.nthu.edu.tw/>

