

Fall 2020

ADMISSION

going on...

A new cradle for cultivating international semiconductor technology talents and more ...

2020 ICST-NCTU OVERSEAS MASTER'S PROGRAM IN VNU-HUS VIETNAM

Industry-university cooperative research project

Scholarships in collaboration with research centers and institutions

English conducted courses

Semiconductor physics experts co-teaching



The only one in Vietnam

Semiconductor Advanced Degree Program and Teaching Platform

The first in Taiwan

Science & Technology Master's Program for Overseas Students



Scholarships:

First year study in Vietnam

- Top 20 students: Full tuition waiver (~7500 USD) and 10 months stipend 150 USD/month (they have to pass 80 points for every courses to maintain the scholarship).
- Next 10 students: Partial tuition waiver (~5500 USD) and 10 months stipend 150 USD/month (they have to pass 80 points for every courses to maintain the scholarship).

Second year study in Taiwan:

- Full tuition waiver and stipend of 350 USD/month for 12 months for those students who pass 80 points for every courses. They are encouraged to go to NCTU for master thesis training.

Admission requirements:

- A bachelor's degree in Physics, Materials Science or related fields.
- IELTS > 5.0/TOEFL-PBT > 500 (or equivalent).

Admission procedure:

- Application deadline: **September 30, 2020**
- Acceptance announcement: **October 10, 2020**
- Semester begins: **October 26, 2020**

Application information:

- **ICST-NCTU:** Ms. Jenny Chen
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- **VNU-HUS:** Prof. Hai Pham Nguyen
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Curriculum	1 st semester of 1 st year in VNU-HUS	2 nd semester of 1 st year in VNU-HUS	2 nd year in ICST-NCTU
Compulsory courses	1. Electronic and Optoelectronic Materials 2. Materials Characterization for Semiconductor	1. VLSI Fabrication Technology 2. Advanced Packaging Technology	Thesis
Elective courses	1. Solid State Physics 2. Semiconductor Physics and Devices	1. Introduction to CMOS Circuit Design 2. Thin Film Technology 3. Advanced Process and Equipment Technologies in Microelectronics 4. Introduction to Semiconductor Manufacturing Technology	



交通大學國際半導體產業學院

International College of Semiconductor Technology, NCTU

Đại Học Khoa Học Tự Nhiên Hà Nội

Hanoi University of Science, Vietnam National University

