

Taiwan Semiconductor Scholarship Program



Taipei Representative Office, Bratislava

Outline

- Taiwan at a glance
- Semiconductor Scholarship for Master & PhD
- Future Career Perspectives
- Useful links and Contacts

1. Taiwan at a glance

	Taiwan	Slovakia
Area	36,000 km ²	49,000 km ²
Population	23 million	5.4 million
GDP per capita	31,227 EUR	17,820 EUR
Climate	Tropical/Subtropical, humid, with long summer and a short/mild winter	typical continental climate with warm, dry summers & cold winters
Traveling distance	Vienna-Taipei Direct Flight 13 hrs by EVA Air & China Airline	

Taiwan:

16th largest country in terms of trade volume ~ WTO 2021

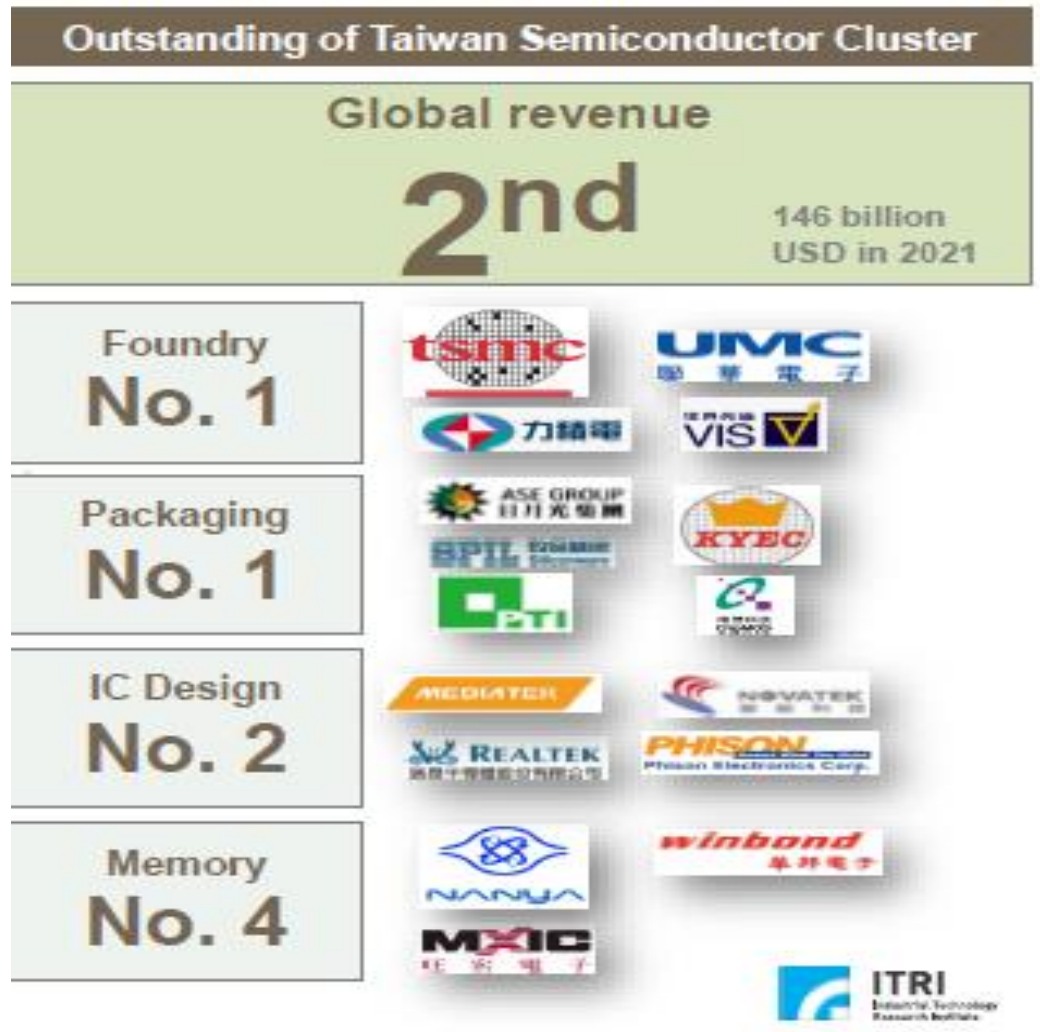
11th World Digital Competitiveness Ranking ~ IMD 2022

3rd best destination for quality of life ~ Expat Insider 2022



Achievements of Taiwan's Semiconductor Industry Development

A significant player in the global supply chain



Through **50 years** of development, Taiwan has established strong industry clusters, complete supply chains and global production network **from zero**.

As a high-end IT and IC product manufacturing and service center, Taiwan claimed **over 70%** global market share for some foundry service.

2. Taiwan Semiconductor Scholarship Program



Taiwan Semiconductor Scholarship Program

Eligibility

students with **Slovak Nationality** and have **bachelor degree**

Applicable disciplines include but not limited to **electrical engineering, microelectronics, materials science, photonics, chemical engineering, physics, mechanical engineering, information engineering, and environmental engineering, etc.**

Duration of Scholarship: **2 years for Master; 4 for PhD**

Coverage

1. Round-trip economy flight ticket to and from Taiwan
2. Tuition fee reimbursement of up to NTD 80,000 ($\approx 2,600$ EUR) per academic year
3. Master students receive a monthly stipend of NTD 25,000 (≈ 800 EUR);
4. PhD students receive a monthly stipend of NTD 40,000 ($\approx 1,300$ EUR).



5 universities offering Semiconductor courses Master and PhD research Program of each University

**March 15, 2023
Application
deadline
for Fall
Semester**

No.	University	Master & PhD program field
1	National Taiwan University(NTU)	1.Integrated Circuit Design and Automation 2. Semiconductor Device, Material, and Hetero-integration 3. Nano-engineering and Nanoscience
2	National Tsing Hua University(NTHU)	Semiconductor Research
3	National Yang Ming Chiao Tung University(NYMCTU)	Semiconductor Technology
4	National Cheng Kung University(NCKU)	1.Integrated Circuit Design 2.Semiconductor Process Technology 3.Semiconductor Packaging and Testing 4.Key Materials 5.Smart and Sustainable Manufacturing
5	National Sun Yat-sen University(NSYSU)	1.Electrical Engineering 2.Telecommunication Engineering 3.Mechanical and Electro-Mechanical Engineering 4.Photonics 5.Materials and Optoelectronic Science 6.Computer Science and Engineering

5 Universities' locations



How to Apply for Studies in Taiwan



3. Future Career Perspectives

Semiconductor Talents Are in Demand

As the demand for semiconductors is growing, the industry's future has never been brighter. The global shortage of chips highlights the need of having more talents to join the industry, in order to remedy the supply-demand imbalance.

3. Future Career Perspectives

**1.
Capacity
Building
in Taiwan**

**2.
Semiconductor Laboratory
in Slovakia**

**3.
R&D Support**

- ✓ a unit with practical classrooms and experimental R&D
- ✓ semiconductor design, packaging, test and verification

- ✓ R&D grants for researchers in Semiconductor Laboratory
- ✓ The scope includes semiconductor applications, electric vehicles, space, green energy, biotechnology, smart cities and other potential cooperation fields.

**EU Chips Act
30/1/23: EU
Parliament Adopts
Position on Chips Act
43billion €**

Living and studying in Taiwan

Living Standards

The cost of living in Taiwan for studies is quite affordable:

- ✓ Meal, Inexpensive Restaurant: 3-4 EUR
- ✓ Domestic Beer: 1.5 EUR
- ✓ BigMac Meal of McDonalds :3 EUR
- ✓ Monthly rent for apartment (1 bedroom) in
North(ex. Taipei): 500EUR;
South(ex. Kaohsiung): 400 EUR
- ✓ Transportation: One-way bus ticket 0.8 EUR

outstanding high education system

reasons to study in Taiwan

1. Available scholarship
2. High living standard
3. Quality academic resources
4. Better opportunity in seeking jobs

4. Useful Links and Contacts

Questions	Answers
Scholarship online Application, Admission	Semiconductor Scholarship Portal https://tscsp.ntu.edu.tw/?openExternalBrowser=1
Life and Education in Taiwan,	Ministry of Education, Taiwan https://english.moe.gov.tw/mp-1.html
Visa and other scholarships information	Taipei Representative Office, Bratislava https://www.roc-taiwan.org/sk_en/index.html

University	Email
National Taiwan University(NTU)	intadmission@ntu.edu.tw
National Tsing Hua University(NTHU)	drs@my.nthu.edu.tw
National Yang Ming Chaio Tung University(NYCU)	admissionia@nycu.edu.tw
National Cheng Kung University(NCKU)	overseas@ncku.edu.tw
National Sun Yat-Sen University(NSYSU)	intadmission@mail.nsysu.edu.tw

Dakujem!
Thank you for your attention!

Contact us:

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