

Northern Stream of Nanyang Talents - Taipei City ICT Southern Diamond Talent Convergence Plan Scholarship Implementation Plan that Attracts Outstanding Foreign Students to Study and Work in Taiwan

Revised on **Mar. 6th 2019**

I. Origin

To promote city culture tourisms and educational promotion exchanges, a team led by the mayor has visited the Indian Institute of Technology (Delhi) on March 31, 2017 to conduct exchanges and reach an academic cooperation and student exchange consensus. The Department of Education, Taipei City Government has invited the central authorities, Taipei Computer Association (TCA), the relevant offices of the Taipei City Government, and six northern universities to explore the industry cooperation, internship media and other personnel recruitments plans for Taiwan. The project initially uses the TCA as the internship employment platform. Six universities: University of Taipei, National Taiwan University, National Tsing Hua University, National Chiao Tung University, National Taiwan University of Science and Technology, and National Taipei University of Technology have jointly participated for their departments to conduct enrollment and use the TCA platform to provide work and study opportunities and job-matches. The government shall provide full tuition and accommodation subsidies for these students and help with their visa-related matters. The project is set to start in Feb. 2018.

II. Plan Objectives

- (I) Develop the city's high-quality higher education industry and ICT professional personnel training.

The goal is to use the rich higher-education resources of Taipei to attract outstanding young students from Malaysia and India to obtain master degrees in Taiwan; promote the higher education resources, competitiveness and internationalization of Taipei; and keep these talents **in an ICT-related company in Taiwan or its oversea office in their countries** as the critical manpower for the industry, timely connect to the south-bound national industries, and help our industries to expand their reach.

- (II) Expand the Bilateral Student Exchanges and Enhance the International Quality of the Students in this City

The outstanding students from India and Malaysia come to obtain their master's degrees in Taiwan and interact with the local students to share innovative ideas and concepts; encourage the local students to learn different languages and cultures; and inspire the local students to take on in-depth experiences and entrepreneurship. Through the mutual interaction and cooperation, the foreign and local students are prepared for the future markets and ready to boost the economic strength of Taiwan in the Southeast and Southern Asia.

(III) Expand the Bilateral Education Cooperation Platform

The Taiwan Connection plan is organized by the New South-bound National Talent Cultivation Team to promote bilateral institution alliances between Taipei City and higher education institutions.

III. Time Period : recruit foreign students each semester, twice a year since February 2018.

Participating Schools: ICT and institutional design related master and doctoral classes from the National Taiwan University, National Chiao Tung University, National Tsing Hua University, National Taiwan University of Science and Technology, National Taipei University of Technology, University of Taipei, and Tatung University. The ICT and institutional design related departments of the various schools are listed in the table in Attachment 1.

IV. Enrollment: Up to 240 master or doctoral students from ICT and institutional design-related departments in seven schools aforementioned (these schools may adopt the semester enrollment method and set the number of students enrolled).

V. Qualifications

Scholarships are available for students with the following qualifications.

- (I) Students from India and Malaysia, or Chinese-heritage students in these two countries are prioritized. Considering the needs of international markets and industries, students from Vietnam, Indonesia, Philippine and other countries are allowed to enroll in the program.
- (II) Domestic and foreign universities and master degrees recognized by the provisions of the Ministry of Education.
- (III) Those who have excellent academic performance and who are highly interested in ICT-related industries.

VI. Enrollment procedures: Enrollment shall be conducted by the various schools according to their procedures. The departments shall formulate their enrollment brochures, which shall specify student qualifications, the documents required, the review procedures, announcements and admission dates, etc.

VII. Subsidy Program

(I) Taipei City Government

1. Tuition fees: The tuition and sundry subsidy awarded to each student shall be within NT\$80 thousand per academic year. If the government has already provided NT\$80 thousand in subsidy, any insufficient part shall be paid for by the student to his/her school. Sundry subsidy shall not include agency collection or handling, thesis guidance, insurance, accommodation, Internet or other relevant fees that shall be paid for by the students. The maximum scholarship periods are two years for master classes, four years for doctoral classes, but the total scholarship receiving period for each student shall not exceed a cumulative period of five years.
2. Accommodation allowance: The government will provide NT\$3000 per month per person, and priority shall be given to school dormitories.

(II) The Outsourcing Unit of Taipei City Government: Match the internship opportunities before graduation, including the internship allowances. After graduation, the Outsourcing Unit shall assist in matching students with employment opportunities and provide career consultation, but the matching service provides no guarantee of success.

(III) ICT-related industries: This project is initially supported by 13 enterprises: Pegatron, Compal, Delta, HTC, Asus, Inventec, Elitegroup, Quanta, Advantech, Wistron, Tatung, MiTAC, and Daikin. These corporations shall provide the internship and job opportunities to the students.

VIII. Obligations of the Scholarship Receiving Students

- (I)** Students are required to maintain their student status, or the subsidy shall immediately cease during suspension, transfer, or expulsion. Said subsidy qualification may be restored within six months after resumption of school.
- (II)** Abide by the national laws and school rules (such as academic rules and attendance standards, etc.). In case of major violations, the government

and school shall immediately terminate the subsidy and request for the return of the subsidy already issued.

- (III) Obtain the degree designated during enrollment within the academic schedule established by each school.
- (IV) Obtain work visa in Taiwan after graduation **and within 3 years after graduation, work in an ICT-related company in Taiwan or its oversea office in the scholarship recipient's country for more than 2 years.** It's not required for students to participate in the matching service provided by the Outsourcing Unit; students can seek ICT related jobs by themselves in Taiwan.
- (V) Other obligations shall be established in "Undertaking for Scholarship that Attracts Outstanding Foreign Students to Study and Work in Taiwan." Schools can establish supplementary explanations to describe unsettled affairs.
- (VI) If the violation of the above mentioned obligations is attributable to the student, while the student is in school, the school shall recover the subsidy amount already issued and return it back to the government. After graduation, the Outsourcing Unit shall recover the subsidy amount already issued and return it back to the government.

IX. Outcomes

- (I) **The program will attract outstanding foreign students to come to Taiwan to study and increase the competitiveness and internationalization of higher education in Taiwan**
- (II) **The program will embrace outstanding foreign talents into industries in Taiwan, achieve the goal of recruiting talents and retaining talents, and strengthen the competitiveness of industries to expand international markets.**

X. Funding: The funds required for this project is provided by the Taipei Municipal Government Industrial Development Bureau.

XI. The plan is active right after the approval of the Taipei City Government and applies to its amendment.

**Table of ICT and Institutional Design Related
Departments for the various Schools**

School	Department
National Taiwan University	Department of Electrical Engineering Department of Information Engineering Institute of Optoelectronic Engineering Institute of Telecommunications Engineering Institute of Electronics Engineering Institute of Information Network and Multimedia Institute of Medical and Electronic Information Department of Civil Engineering Department of Mechanical Engineering Department of Chemical Engineering Department of Engineering Science and Marine Engineering Department of Materials Science and Engineering Institute of Environmental Engineering Institute of Applied Mechanics Institute of Building and Urban/Rural Research Institute of Industrial Engineering Institute of Medical Engineering Institute of Polymer Science and Engineering
National Tsing Hua University	Institute of Electrical and Information Engineering All Engineering Departments All Life Sciences Departments Engineering and Systems Science Departments Department of Health Engineering and Environmental Science Institute of Computing and Modeling Science Department of Art and Design Interdisciplinary International Degree Courses (masters and doctoral)
National Chiao Tung University	Interdisciplinary courses: Electrical Engineering and Computing Systems (EECS) International Degree Course, Optoelectronics Doctorate Degree Course (University System of Taiwan) International Semiconductor Industry Institute Engineering Departments: Mechanical Engineering Department All Electrical Engineering Departments

School	Department
	<p>All Information Engineering Departments All Optoelectronics Departments All Bioscience Technology Departments Management Departments: Information Management Department Humanities and Social Sciences: Institute of Applied Art (industrial design group)</p>
National Taiwan University of Science and Technology	<p>Information Engineering Department (Institute) Information Management Department (Institute) Institute of Automation and Control Institute of Optoelectronics Engineering Electrical Engineering Department (Institute) Electronic Engineering Department (Institute) Design Department-Commercial Design, Industrial Design Department of Chemical Engineering Department of Mechanical Engineering Graduate Institute of Applied Science and Technology Graduate Institute of Biomedical Engineering Graduate Institute of Color & Illumination Technology Department of Materials Science and Engineering Department of Materials Science and Engineering Department of Civil and Construction Engineering</p>
National Taipei University of Technology	<p>Electrical Engineering Department (Master, Doctoral) Electronic Engineering Department (Master, Doctoral) Optoelectronics Engineering Department (Master, Doctoral) Information Engineering Department (Master, Doctoral) College of Electrical Engineering for Foreign Students (Master, Doctoral) Innovative Design Master's Class for the Industrial Design Department Master's Class for the Interactive Design Department International Master Program in Mechanical and Automation Engineering Graduate Institute of Automation Technology</p>
University of Taipei	<p>Department of Information Science Institute of Sports Equipment Technology Research Department of Exercise and Health Sciences (incl. Master's Program) Institute of Sports Sciences (incl. Ph.D. Program) Department of Earth and Life Sciences (incl. Master's</p>

School	Department
	Program) Department of Applied Physics and Chemistry Department of Mathematics
Tatung University	Department of Electrical Engineering Department of Computer Science and Engineering Department of Information Management Department of Mechanical Engineering Department of Materials Engineering Department of Chemical Engineering and Biotechnology Department of Industrial Design Department of Media Design Department of Design Science

Participating Manufacturers	Job vacancy category and quantity (2018)	Foreign talent needs
<ul style="list-style-type: none">• Pegatron Corporation, Compal Electronics, Delta Electronics, HTC, Asus, Inventec, Elitegroup, Quanta, Wistron, Tatung, MiTAC, Daikin	<ul style="list-style-type: none">• Software design 543 job vacancies.• Circuit design 588 job vacancies.• Institutional design 386 job vacancies.	<ul style="list-style-type: none">• 10-15%

※ MATCHING STATUS IS BASED ON THE STUDENT

PERFORMANCES AND BUSINESS NEEDS FOR THE YEAR

(Information provided by TCA)