

“Thailand 4.0” and the Top University Education in Taiwan

2018/6/7

Below please find the information regarding hi-tech talent cultivation of Thailand 4.0 10 industries by Taiwan’s Academia Sinica and the Top Universities.

Admission offices links for Academia Sinica and the Top Universities in Taiwan:

1. Academia Sinica: <http://tigp.sinica.edu.tw/>
2. National Taiwan University: <http://oiasystem.ntu.edu.tw/>
3. National Taiwan University of Science and Technology: <http://admissions.ntust.edu.tw/>
4. National Tsing Hua University: <http://oga.nthu.edu.tw/index.php?lang=en>
5. National Chiao Tung University: <https://oia.nctu.edu.tw/en/>
6. National Cheng Kung University: <http://isad.oia.ncku.edu.tw/bin/home.php?Lang=en>
7. National Taiwan Normal University: <http://en.ntnu.edu.tw/admissions.php>
8. National Yang-Ming University: <http://admission.ym.edu.tw/>
9. National Chengchi University: <http://nccuadmission.nccu.edu.tw/?locale=en>
10. National Sun Yat-sen University: <http://oia.nsysu.edu.tw/bin/home.php?Lang=en>
11. National Central University: <http://admissions.oia.ncu.edu.tw/>
12. National Chung Hsing University: <http://www.oia.nchu.edu.tw/index.php/en/>
13. National Chung Cheng University: <http://oia.ccu.edu.tw/ciaeenglish/index.html>
14. Taipei Medical University: <http://oge.tmu.edu.tw/>
15. China Medical University: <http://english.cmu.edu.tw/admission/index.php>
16. Kaohsiung Medical University: <https://ciae2.kmu.edu.tw/index.php/en-GB/>
17. Chung Yuan Christian University: <http://ias2.cycu.edu.tw//>
18. Yuan Ze University: <https://www.yzu.edu.tw/admin/oia/index.php/en-us/admission/application-information>

Industries	Universities	Departments/Institutes/Centers
<u>Next-Generation Automotive</u>	National Taiwan University	Department of Mechanical Engineering
	National Taiwan University of Science and Technology	Department of Mechanical Engineering
		Graduate Institute of Automation and Control
	National Tsing Hua University	Department of Power Mechanical Engineering
Department of Electrical Engineering		

		Department of Materials Science and Engineering
	National Chiao Tung University	Department of Mechanical Engineering
		EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
		Department of Electronics Engineering
		Department of Electrical and Computer Engineering
	National Cheng Kung University	Department of Mechanical Engineering
	National Taiwan Normal University	Undergraduate Program of Vehicle and Energy Engineering
	National Sun Yat-sen University	Department of Mechanical and Electro-Mechanical Engineering
		Department of Electrical Engineering
	National Central University	Department of Mechanical Engineering
		Graduate Institute of Energy Engineering
	National Chung Hsing University	Department of Mechanical Engineering
	Chung Yuan Christian University	Department of Mechanical Engineering
		Department of Electronic Engineering
		Department of Industrial and Systems Engineering
		International Master Program of Industrial and Systems Engineering(English Program)
	Yuan Ze University:	Department of Computer Science and Engineering
		English Bachelor Program in Informatics
<u>Smart Electronics</u>	National Taiwan University	Department of Electrical Engineering
		Department of Computer Science and

		Information Engineering
		Graduate Institute of Electronics Engineering
		Graduate Institute of Biomedical Electronics and Bioinformatics
	National Taiwan University of Science and Technology	Department of Electrical Engineering
		Department of Computer Science and Information Engineering
		Department of Electronic and Computer Engineering
		Graduate Institute of Electro-Optical Engineering
	National Tsing Hua University	Department of Electrical Engineering
		Institute of Electronics Engineering
		Institute of Photonics Technologies
		Department of Computer Science
	National Chiao Tung University	EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
		Department of Electronics Engineering
		Department of Electrical and Computer Engineering
		EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
		Graduate Program of International College of Semiconductor Technology (English Program)
International Ph.D. Program in Photonics (UST) (English Program)		
Department of Photonics		
National Cheng Kung University	Department of Mechanical Engineering	
	Department of Electrical Engineering	
	Department of Computer Science and Information Engineering	
	Institute of Manufacturing Information	

		and Systems
		Institute of Microelectronics
		Institute of Computer and Communication Engineering
		Department of Industrial Information Management
		Institute of Information Management
	National Taiwan Normal University	Department of Mechatronic Engineering
		Department of Electronic Engineering
	National Chengchi University	Department of Computer Science
		Graduate Institute of Law and Interdisciplinary Studies
		FinTech Research Center
	National Sun Yat-sen University	Department of Mechanical and Electro-Mechanical Engineering
		Department of Electrical Engineering
		Department of Electrical Engineering
		Department of Computer Science and Information Engineering
		Department of Communication Engineering
	National Central University	Department of Electrical Engineering
		Department of Computer Science and Information Engineering
		Department of Communication Engineering
	National Chung Hsing University	Graduate Institute of Precision Engineering
	National Chung Cheng University	Department of Mechanical Engineering
		Department of Electrical Engineering
		Graduate Institute of Opto-Mechatronics
		Advanced Institute of Manufacturing with High-Tech Innovations
		Department of Computer Science and

		Information Engineering
		Center for Research in Cognitive Science
	Chung Yuan Christian University	Department of Electrical Engineering
		Department of Information and Computer Engineering
		Department of Electronic Engineering
		International Master Program of Electrical Engineering(English Program)
	Yuan Ze University:	Department of Electrical Engineering
		Department of Computer Science and Engineering
		English Bachelor Program in Electronic and Communication Engineering
		English Bachelor Program in Informatics
<u>Affluent, Medical and Wellness Tourism</u>	National Tsing Hua University	Institute of Service Science
	National Taiwan Normal University	Graduate Institute of Sport, Leisure and Hospitality
	National Chung Hsing University	Graduate Institute of Bio-Industry Management
		Program of Landscape and Recreation
	National Chung Cheng University	Department of Business Administration
		Department of Economics
Chung Yuan Christian University	Department of Business Administration (Hospitality Management)	
<u>Agriculture and Biotechnology</u>	Academia Sinica	Molecular and Biological Agricultural Sciences (MBAS)
		Biodiversity (BIODIV)
		Bioinformatics (BIO)
		Molecular and Biological Agricultural Sciences (MBAS)
		Chemical Biology and Molecular Biophysics (CBMB)
	National Taiwan University	Department of Agronomy

		Department of Bioenvironmental Systems Engineering
		Department of Agricultural Chemistry
		Department of Animal Science and Technology
		Department of Horticulture and Landscape Architecture
		Department of Veterinary Medicine
		Department of Bio-Industrial Mechatronics Engineering
		Department of Entomology
		Department of Plant Pathology and Microbiology
		Department of Bio-Industry Communication and Development
		Graduate Institute of Veterinary Clinical Science
		Graduate Institute of Biotechnology
		Department of Life Science
		Department of Biochemical Science and Technology
		Institute of Plant Biology
		Institute of Molecular and Cellular Biology
		Department of Chemical Engineering
		Institute of Biochemical Sciences
	National Tsing Hua University	Department of Life Science
		College of Life Science
		Department of Biomedical Engineering and Environmental Sciences
		Institute of Biomedical Engineering
		Department of Computer Science
	National Chao Tung University	Department of Biological Science and Technology
		Institute of Bioinformatics and Systems Biology
		Institute of Molecular Medicine and

		Bioengineering
		International Ph.D. Program in Environmental Science and Technology (UST) (English Program)
		Institute of Environmental Engineering
		Graduate Program of Molecular Science
		Institute of Imaging and Biomedical Photonics
	National Cheng Kung University	Department of Life Sciences
		Department of Biotechnology and Bioindustry Sciences
		Institute of Tropical Plant Sciences
	National Taiwan Normal University	Department of Life Science
	National Chengchi University	Biotechnology Management Program, Graduate Institute of Technology, Innovation and Intellectual Property Management
	National Sun Yat-sen University	Department of Biological Sciences
		Department of Marine Biotechnology and Resources
	National Central University	Department of Life Science
		Department of Biomedical Sciences and Engineering
	National Chung Hsing University	Department of Agronomy
		Department of Horticulture
		Department of Forestry
		Department of Applied Economics
		Department of Plant Pathology
		Department of Entomology
		Department of Animal Science
		Graduate Institute of Genomics and Bioinformatics
		Ph.D. Program in Microbial Genomics
		Department of Soil and Environmental Sciences

		Department of Soil and Water Conservation
		Department of Food Science and Biotechnology
		Department of Bio-Industrial Mechatronics Engineering
		Graduate Institute of Bio-Industry Management
		Graduate Institute of Biotechnology
		Department of Bio-Industry Extension and Management
		Bachelor Program of Biotechnology
		Program of Landscape and Recreation
		Master Program of Agricultural Economics and Marketing
		International Master Program of Agriculture
		International Bachelor Program of Agribusiness
		Molecular and Biological Agricultural Sciences Program, Taiwan International Graduate Program, MBAS-TIGP
	National Chung Cheng University	Department of Business Administration
		Department of Chemistry and Biochemistry
		Department of Biomedical Sciences
		Department of Chemical Engineering
	Taipei Medical University	Master/Ph.D Program in Graduate Institute of Biomedical Materials and Tissue Engineering
		Master Program in Graduate Institute of Nanomedicine and Medical Engineering
		International Ph.D Program in Biomedical Engineering

		Master Program in Graduate Institute of Biomedical Optomechatronics
		Biomedical Optomechatronics
		Master Program in School of Medical Laboratory Science and Biotechnology
		Ph.D. Program in Medical Biotechnology
	Kaohsiung Medical University	Department of Medical Laboratory Science and Biotechnology
		Department of Biomedical Science and Environmental Biology
		Department of Biotechnology
	Chung Yuan Christian University	Department of Bioscience Technology
		Department of Environmental Engineering
		Department of Chemistry
		Department of Bioscience Technology
		Department of Biomedical Engineering
	Yuan Ze University	Graduate Program in Biomedical Informatics
Graduate School of Biotechnology and Bioengineering		
<u>Food for the Future</u>	National Taiwan University of Science and Technology	Graduate Institute of Biomedical Engineering
	National Tsing Hua University	College of Life Science
		Institute of Biomedical Engineering
		Department of Biomedical Engineering and Environmental Sciences
		Department of Chemical Engineering
	National Cheng Kung University	Department of Microbiology and Immunology
		Department of Life Sciences
		Department of Biotechnology and Bioindustry Sciences
		Institute of Tropical Plant Sciences
	National Taiwan Normal University	Department of Life Science

	National Sun Yat-sen University	Department of Biological Sciences
		Department of Marine Biotechnology and Resources
	National Central University	Department of Life Science
	National Chung Hsing University	Department of Plant Pathology
		Department of Food Science and Biotechnology
	National Chung Cheng University	Department of Chemistry and Biochemistry
		Department of Biomedical Sciences
Department of Chemical Engineering		
Taipei Medical University	Master/Ph.D Program in School of Nutrition and Health Sciences	
<u>Robotics</u>	National Taiwan University	Department of Electrical Engineering
		Department of Mechanical Engineering
	National Taiwan University of Science and Technology	Department of Electrical Engineering
		Graduate Institute of Automation and Control
		Department of Mechanical Engineering
	National Tsing Hua University	Department of Power Mechanical Engineering
		Institute of NanoEngineering and MicroSystems
		Department of Electrical Engineering
	National Chiao Tung University	Department of Mechanical Engineering
		Department of Electronics Engineering
		Department of Electrical and Computer Engineering
		EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
	National Cheng Kung University	Department of Engineering Science
		Department of Mechanical Engineering

		Institute of Data Science
National Taiwan Normal University		Department of Mechatronic Engineering
		Department of Electronic Engineering
		Department of Industrial Education
		Department of Technology Application and Human Resource Development
National Sun Yat-sen University		Department of Mechanical and Electro-Mechanical Engineering
		Department of Electrical Engineering
National Central University		Department of Mechanical Engineering
		Department of Electrical Engineering
National Chung Hsing University		Department of Electrical Engineering
		Graduate Institute of Precision Engineering
National Chung Cheng University		Department of Mechanical Engineering
		Department of Electrical Engineering
		Department of Computer Science and Information Engineering
Chung Yuan Christian University		Department of Electrical Engineering
		Department of Mechanical Engineering
		International Master Program of Information Technology and Cloud Computing(English Program)
		Department of Industrial and Systems Engineering
Yuan Ze University		Department of Mechanical Engineering
		Department of Electrical Engineering
		Department of Computer Science and Engineering
		English Bachelor Program in Engineering
		English Bachelor Program in Electronic

		and Communication Engineering
		English Bachelor Program in Informatics
Medical Hub	Academia Sinica	Chemical Biology and Molecular Biophysics (CBMB)
		Molecular Science and Technology (MST)
		Molecular and Biological Agricultural Sciences (MBAS)
		Molecular and Cell Biology (MCB)
		Bioinformatics (BIO)
		Nano Science and Technology (NANO)
		Molecular Medicine (MM)
		Interdisciplinary Neuroscience (INS)
	National Taiwan University	Department of Public Health
		Graduate Institute of Occupational Medicine and Industrial Hygiene
		Graduate Institute of Environmental Health
		Graduate Institute of Health Policy and Management
		Graduate Institute of Epidemiology and Preventive Medicine
		Institute of Health Behaviors and Community Sciences
		Graduate Institute of Food Science and Technology
		Graduate Institute of Clinical Dentistry
		Department of Pharmacy
		Department of Clinical Laboratory Sciences and Medical Biotechnology
		Department of Nursing
		Department of Physical Therapy
		Graduate Institute of Physiology
		Graduate Institute of Pharmacology
Graduate Institute of Pathology		
Graduate Institute of Molecular		

		Medicine
	National Taiwan University of Science and Technology	Graduate Institute of Biomedical Engineering
		Graduate Institute of Applied Science and Technology
	National Tsing Hua University	College of Life Science
		Institute of Biomedical Engineering
		Department of Biomedical Engineering and Environmental Sciences
		Department of Chemical Engineering
		Department of Materials Science and Engineering
	National Chiao Tung University	EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
		Institute of Molecular Medicine and Bioengineering
		Department of Biological Science and Technology
		Institute of Bioinformatics and System Biology
		International Master of Science Program for Interdisciplinary Molecular Science of Materials and Chemical Biology (English Program)
		Institute of Imaging and Biomedical Photonics
		Graduate Program of Molecular Science
	National Cheng Kung University	Department of Statistics
		School of Medicine
		Department of Nursing
		Department of Physical Therapy
		School of Pharmacy
		Department of Medical Laboratory Science and Biotechnology
		Department of Public Health

		Institute of Oral Medicine
		Department of Microbiology and Immunology
		Institute of Clinical Pharmacy and Pharmaceutical Sciences
		Institute of Basic Medical Sciences
		Institute of Molecular Medicine
		Institute of Clinical Medicine
		Institute of Gerontology
	National Yang-Ming University	Faculty of Medicine
		Institute of Traditional Medicine
		Institute of Health and Welfare Policy
		Institute of Emergency and Critical Care Medicine
		Institute of Pharmacology
		International Health Program
		Institute of Biopharmaceutical Sciences
	National Sun Yat-sen University	Institute of Medical Science and Technology
		Department of Biological Sciences
		Institute of Biomedical Sciences
		Institute of Medical Science and Technology
		Department of Marine Biotechnology and Resources
		Department of Oceanography
	National Central University	Department of Biomedical Sciences and Engineering
		Graduate Institute of Cognitive Neuroscience
		Department of Biomedical Sciences and Engineering
	National Chung Hsing University	Ph.D. Program in Medical Biotechnology
		Ph.D. Program in Translational Medicine

		Graduate Institute of Microbiology and Public Health
	National Chung Cheng University	Department of Biomedical Sciences
	Taipei Medical University	International Master/Ph.D. Program in Medicine
		International Ph.D. Program for Cell Therapy and Regeneration Medicine
		Master/Ph.D Program in School of Dentistry
		Master/Ph.D Program in School of Pharmacy
		Master Program in Graduate Institute of Pharmacognosy
		Master Program in Clinical Pharmacogenomics and Pharmacoproteomics
		Ph.D. Program in Clinical Drug Development of Chinese Herbal Medicine
		Master/Ph.D Program in School of Nursing
		Master/Ph.D Program in School of Public Health
		Master/Ph.D Program in Graduate Institute of Injury Prevention and Control
		Master/Ph.D Program in Global Health and Development
		Ph.D. Program for Neural Regenerative Medicine (TMU and National Health Research Institute)
		Master/Ph.D Program in Graduate Institute of Cancer Biology and Drug Discovery (TMU and Academia Sinica)
		Master Program in School of Health Care Administration (MBA)
		Master Program in Graduate Institute

		of Humanities in Medicine (Division of Humanities in Medicine)
		Master/Ph.D Program in Graduate Institute of Humanities in Medicine (Mind, Brain and Consciousness Division)
	China Medical University	School of Dentistry
		Department of Pharmacy
		Department of Medical Laboratory Science and Biotechnology
		Department of Nursing
		Department of Physical Therapy
		School of Chinese Medicine
		Graduate Institute of Integrated Medicine
		Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources
		Department of Cosmeceutics
		Graduate Institute of Acupuncture Science
		School of Medicine
	Kaohsiung Medical University	College of Medicine
		College of Dental Medicine
		College of Pharmacy
		College of Nursing
		College of Health Sciences
		Center for Environmental Medicine
		Center for Infectious Disease and Cancer Research
		Center for Natural Product and Drug Development
		Orthopedic Research Center
		Center for Biomarkers and Biotech Drugs
		Center for Stem Cell Research
		Lipid Science and Aging Research

		Center
		Center for Long-term Care Research
		Center for Dengue Fever Control and Research
		Center for Smart Health Care Research
		Neuroscience Center
		Center for Tropical Medicine Education and Training
	Chung Yuan Christian University	Department of Chemistry
		Master Program in Nanotechnology
		Department of Biomedical Engineering
		Department of Bioscience Technology
		International Master Program of Biomedical Material and Technology(English Program)
		Department of Psychology
	Yuan Ze University	Graduate Program in Biomedical Informatics
Department of Electrical Engineering		
English Bachelor Program in Electronic and Communication Engineering		
<u>Aviation and Logistics</u>	National Taiwan University	Graduate Institute of Industrial Engineering
	National Taiwan University of Science and Technology	Department of Industrial Management
		Graduate Institute of Technology Management
	National Tsing Hua University	Institute of Service Science
		Department of Industrial Engineering and Engineering Management
	National Chiao Tung University	Department of Transportation and Logistics Management
		Graduate Program of Traffic and Transportation
		Graduate Program of Logistics Management
		Global MBA Program (English Program)
		Department of Management Science

		Department of Industrial Engineering Management
	National Cheng Kung University	Department of Aeronautics and Astronautics
		Department of Transportation and Communication Management Science
		Institute of Telecommunications Management
	National Sun Yat-sen University	Department of Mechanical and Electro-Mechanical Engineering
		Department of Business Management
	National Central University	Department of Mechanical Engineering
		Graduate Institute of Industrial Management
	National Chung Hsing University	Department of Business Administration
		Graduate Institute of Technology Management
	National Chung Cheng University	Department of Business Administration
		Department of Economics
	Chung Yuan Christian University	Department of Industrial and Systems Engineering
	Yuan Ze University	Department of Industrial Engineering
		English Bachelor Program in Engineering
		English Bachelor Program in Business Administration
<u>Biofuels and Biochemicals</u>	Academia Sinica	Chemical Biology and Molecular Biophysics (CBMB)
		Molecular Science and Technology (MST)
	National Taiwan University	Department of Biochemical Science and Technology
		Institute of Biochemical Sciences
National Taiwan University of	Department of Chemical Engineering	

	Science and Technology	Department of Materials Science and Engineering
		Graduate Institute of Applied Science and Technology
National Tsing Hua University		Department of Chemical Engineering
		Department of Biomedical Engineering and Environmental Sciences
		Institute of Biomedical Engineering
		Department of Engineering and System Science
		Department of Power Mechanical Engineering
		College of Life Science
		Department of Chemistry
National Chiao Tung University		Department of Biological Science and Technology
		Institute of Molecular Medicine and Bioengineering
		Institute of Bioinformatics and System Biology
		International Master of Science Program for Interdisciplinary Molecular Science of Materials and Chemical Biology (English Program)
		Graduate Program of Molecular Science
National Cheng Kung University		Department of Chemistry
		International Bachelor, Master and Doctoral Degrees Programs on Energy
		Department of Chemical Engineering
		Department of Biochemistry and Molecular Biology
National Taiwan Normal University		Department of Life Science
		Department of Chemistry
National Yang-Ming University		Institute of Biochemistry and Molecular Biology
National Sun Yat-sen University		Department of Chemistry

		Institute of Environmental Engineering
	National Central University	Department of Mechanical Engineering
		Graduate Institute of Energy Engineering
		Department of Biomedical Sciences and Engineering
	National Chung Hsing University	Department of Animal Science
		Department of Forestry
		International Bachelor Program of Agribusiness
	National Chung Cheng University	Department of Chemistry and Biochemistry
		Department of Biomedical Sciences
		Department of Chemical Engineering
	Kaohsiung Medical University	Department of Medicinal and Applied Chemistry
	Chung Yuan Christian University	Department of Mechanical Engineering
		Department of Environmental Engineering
		Department of Chemical Engineering
	Yuan Ze University	Department of Chemical Engineering and Materials Science
		English Bachelor Program in Engineering
Digital Economy	Academia Sinica	Social Networks and Human-Centered Computing (SNHCC)
	National Taiwan University	Graduate Institute of Networking and Multimedia
	National Taiwan University of Science and Technology	Graduate Institute of Digital Learning and Education
		Graduate Institute of Colour and Illumination Technology
		Department of Design
	National Tsing Hua University	Department of Computer Science
		Department of Electrical Engineering

	National Chiao Tung University	EECS (Electrical Engineering and Computer Science) International Graduate Program (English Program)
		Department of Computer Science
		Institute of Computer Science and Engineering
		Institute of Network Engineering
		Institute of Multimedia Engineering
	National Cheng Kung University	Department of Industrial Design
		Institute of Creative Industries Design
	National Taiwan Normal University	Department of Mechatronic Engineering
		Department of Electronic Engineering
		Department of Industrial Education
		Department of Technology Application and Human Resource Development
		Department of Graphic Arts and Communications
		Department of Computer Science and Information Engineering
	National Chengchi University	Bachelor's Program in Digital Content and Technologies
		Master's Program in Digital Content and Technologies
		FinTech Research Center
	National Sun Yat-sen University	Department of Computer Science and Engineering
		Department of Electrical Engineering
		Department of Information Management
National Central University	Graduate Institute of Network Learning Technology	
National Chung Hsing University	Department of Computer Science and Engineering	
	Department of Management Information Systems	
National Chung Cheng University	Department of Communication	

		Department of Management Information System
		Department of Accounting and Information Technology
	Taipei Medical University	Master Program in Graduate Institute of Data Science
		Master/Ph.D Program in Graduate Institute of Biomedical Informatics (Biomedical Informatics Division)
		Master/Ph.D Program in Graduate Institute of Biomedical Informatics (Translational Medicine Division)
	China Medical University	Center of Artificial Intelligence
	Kaohsiung Medical University	Department of Healthcare Administration and Medical Informatics
		Research Center for Nonlinear Analysis and Optimization
		Center for Big Data Analytics and Intelligent Healthcare
	Chung Yuan Christian University	Department of Information Management
		International Master Program of Information Technology and Cloud Computing(English Program)
	Yuan Ze University	Department of Information Communication
		Department of Information Management
		English Bachelor Program in Informatics