National Chung Hsing University

2017 – 2018 Lab Exchange



	Name of the Organization/Lab	Research Area	Education Background Required
	Lab of Bio-Organic Chemistry and Organic Synthesis	Carbohydrate Chemistry/ Glycolipid / Small Molecule Drugs	Master/Ph.D.
	Security of Privacy Lab	Cloud Security/ IoT Security/Database Privacy/Cryptography	Undergraduate/ Master/Ph.D.
	Department of Electrical Engineering/System & Network Lab	LTE/Embedded Systems/Software-Defined Networking	Undergraduate/ Master/Ph.D.
	Insect-Plant Interaction Laboratory	Plant-Insect Interaction, using insect to decompose organic waste materials	Undergraduate
	Electro Optics Lab	Solar Cell	Undergraduate/ Master/Ph.D.
	Laboratory for Energy Materials & Devices	Materials-Related Areas and Thin-Film Technology	Undergraduate/ Master/Ph.D.
	Bioelectronics & Interfaces Laboratory	Applications of Nano/Micro Materials for Medical and Healthcare Aspects/Biopolymers for Cell and Tissue Engineering/ Integration of Nano/Micro Structure on Labon-a-Chip/ Biomedical Chip for Real-Time Screening of Infectious Disease	Undergraduate/ Master/Ph.D.
	Biomedical Instrumentation and Sensors Laboratory	Biomedical Instrumentation Design/Biomedical Optoelectronic/Biosensors/ Tissue Bio-Impedance/Bio- Imaging/ Biomedical Electronics/Non-Invasive and Transdermal Metabolites/Biomarkers Extraction and Drugs Delivery/Rehabilitation Engineering	Undergraduate/ Master/Ph.D.
	Process System Engineering Lab	Process System Engineering/Chemical Engineering Optimization	Undergraduate/ Master/ Ph.D.
	Laboratory of Engineering and Regenerative Medicine	Biochemistry, Chemical Engineering, Food Chemistry, Dermatology, Regenerative Medicine	Undergraduate
	Key Lab for Advanced Functional Materials	Life Science	Undergraduate/ Master
	Nano & Micro System Lab	Biomedical Engineering Related Areas	Undergraduate/ Master/ Ph.D.
	Department of Horticulture/Vegetable Lab	Effect of Environmental Stresses on Vegetables	Undergraduate
	Department of Marketing	Supply Chain Management, Logistics, Marketing	Undergraduate/ Master/ Ph.D.
	Department of Business Administration	Data Analytics, Forecasting, Quantitative Modeling	Undergraduate/ Master/ Ph.D.
	Veterinary Virology and Molecular Diagnosis Laboratory	Veterinary Microbiology	Master/ Ph.D.
	Pharmacokinetics and Food Safety	Toxicology, Microbiology	Undergraduate/ Master/ Ph.D.
	Lab of International Political Economy	Regional Integration, ASEAN, APEC	Undergraduate/ Master
	Vaccine Development Lab	Biotechnology	Undergraduate/ Master/ Ph.D.