

2014 Awarded by Ministry of Economic Affairs for "Water Conservation Outstanding Performance Award"

- 2013 Received Kaohsiung LOHAS Green Building Award
- 2012 Received Kaohsiung City Photovoltaic Intelligent Building Certification
- 2011 NUK was announced as the "Wetlands of National Importance" by the Construction and Planning Agency, Ministry of the Interior.
- 2010 NUK was the First Prize winner (college group) of the Contest of "Promote Environmental Protection Meritorious Schools" held by the Environmental Protection Administration.
- 2009 NUK was selected as the "Model Green University" by the Ministry of Education.
- 2008 NUK successfully met the requirements of the seven indicators of green buildings.
- 2007 NUK started to utilize wind power recycling energy to improve water quality and ecology on campus.
- 2004 NUK was the first university that signed the Talloires Declaration in Taiwan.

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National University of Kaohsiung

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A Brief Introduction to the National University of Kaohsiung and President's Letter



### President Dr. Leon Shyue-Liang Wang

The National University of Kaohsiung (NUK) was founded in 2000 to promote the balanced development of higher education in southern and northern Taiwan and to coordinate the government's industrial policy. Therefore, NUK has superb geographical location and is very close to the Science, Industrial, and Software Parks and public transportation, such as Taiwan High Speed Rail, Taiwan Railway, Mass Rapid Transit (MRT) stations, and Kaohsiung International Airport. Surrounded by many important industry clusters, NUK has great geographical advantages in terms of research and academia-industry development. In addition, our teaching and research staff is in their prime of life and is enthusiastic and energetic as the average of their age is only 47.7. 95.1% of them have Ph.D. degrees and have abundant academic experience. According to a survey conducted by the Global Views Monthly in 2012, the quantity of our research and academia-industry outputs is outstanding and is ranked as the eighth in Taiwan. In 2015, NUK is also ranked the third place in the survey of "2015 Enterprises most- favored universities in Kaohsiung and Pingtung area" conducted by



China Times Weekly. The beautiful campus of NUK covers 82.5 hectares. With the efforts of former principals Prof. Jen-Houng Wang, Prof. Ing-Chung Huang and Prof. Jow-Lay Huang. NUK became Taiwan's first university that signed the Talloires Declaration in 2004. We were appointed as the "Model Green University" by the Ministry of Education in 2009, and were also awarded as the "Wetlands of National Importance" by the Ministry of the Interior in 2011. Both teachers and students feel relaxed and joyous when walking on the campus. Because of our geographical superiority, young teaching and research staff with great potentials, excellent students, and beautiful campus, NUK has all qualifications to become a world-class university.

Currently, we have five colleges. The College of Humanities and Social Science has five departments in the fields of Western Languages, East Asian Languages, Health and Leisure, Architectural design and Athletic Performance. Diversified academic fields also provide us excellent opportunities for interdisciplinary development and enhancement of students' knowledge in humanities. The College of Law in NUK is the only and the most comprehensive one in central and southern Taiwan. Regarding the College of Management, it provides featured programs, such as Executive Master of Business Administration (EMBA), International Executive Master of Business Administration (IEMBA), and International Master of Business Administration, and management. The scales of the College of Science and the College of Engineering are comprehensive. Their teaching and research staff accounts for 45.1% of the total number of NUK staff. These two colleges emphasize on the development of featured and integrated research based on existing academic research achievements, and have established close and substantial cooperation with surrounding industries.

### **President's letter**

Immerged in 200 acres of green campus and state-of-the-art facilities, a group of young and vibrant faculty and staff, together with talented and ambitious students from all over the island and around the world, is shaping a prestigious university with academic excellence and collaborative community with global connections.

"Any person...any study", like Cornell University in USA, National University of Kaohsiung (NUK) is a state-commissioned and openaccess university in southern Taiwan. Our mission is to foster talents, discover and disseminate knowledge. We also aim to drive and facilitate national development policies, and enhance the transformation of local industries and business, when founded in the millennium year of 2000.

The spirit of NUK is formed by a different sort of freedom than that which characterizes other universities — egalitarianism, diversity, and openness. We are an institution committed to equality, though not always well-implemented, that affirmed the importance of higher education for students of all economic backgrounds, gender, ethnicity, and classes; provides wide range of curriculum entitling students with great choice; open to new degrees and areas of study in disciplines ranging from athletic performance to electrical engineering, eastern languages to life sciences, political law to Asian-Pacific industry and business management.

We seek to develop our students a resilience to face community issues and uncertain future, an appreciation of cross-discipline fusion and conflicts, and a commitment to rationality and humanity with which that approach the world's challenges, while encourage students to set sail "to learn and go on learning" journey.

I look forward to working with all friends, faculty, students, staff, alumni, parents, and supports, to set sail to the next four years of our remarkable voyage that await our discovery.

LeonWang



## National University of Kaohsiung (NUK)

Setting Sail Toward the 21th Century

Setting Sail in Kaohsiung and Navigated by NUK A Green University without Boundaries Free Atmosphere for Academic Research Healthy and Comfortable Leisure Environment A High Quality University That Cultivates the Pillars of Taiwan

#### **About NUK**

The National University of Kaohsiung (NUK), the only national university instituted in the millennium in Taiwan, was found on February 1, 2000. In accordance with the government's industrial development policy and to promote the establishment of the Asia-Pacific Regional Operation Center (including Southern Taiwan Science Park, Kaohsiung Multifunctional Commerce and Trade Park and International Warehousing and Processing Transit Center), we assist to upgrade and transform traditional industries and train professionals in technology and management.



#### **University Emblem**

Action Force as Storm Surge Fulfilling Dreams and Goals Passing Down the Seeds of Wisdom Nurturing the Buds of Hope Established in 2000

The three dots in the emblem represent an abstract image of the Chinese character . Different sizes of the spots, from small to large, are like the growing process of a seed. It also symbolizes waves which imply the surging force that moves forward. The emblem is designed based on the Chinese character rather than using English words because we want to preserve our cultural features and ethnic origin when NUK becomes internationally well-known in the future. The vigorous, optimistic and innovative impressions of NUK are delivered by the bright orange color. Grey is the most tolerant and steadlest color that can match any other color. This emblem displays the features of NUK: vigor, optimism, innovation, steadless and tolerance, which are also essential learning attitudes that students have to develop in addition to the knowledge in the textbooks.

#### The Features of NUK

I. Becoming a Promoter of the Development of Policy

By utilizing our solid academic research as a strong backup, we look forward to becoming an academic think tank that can help the government in the development of industries and policy-making and the key academic force to assist the growth of enterprises.

#### II. Being a Distinguished Teaching Institution

In a free academic research environment, we aim to utilize our distinguished teaching programs to cultivate talents with broad vision and profound knowledge in both science and humanities.

## III. Innovative Teaching Methods and Keeping up with International Standards

The departments of NUK emphasize on innovation, integration, and the combination of theory and practice. We promote holistic education, design integrated programs, advance the quality of teaching, and step forward to become a world-class university.

#### IV. Young Research and Teaching Staff, High-quality Counseling Mechanism, Efficient Administration, and Cultivation of Pillars of Taiwan

NUK has novel resources and equipment, young research and teaching staff members, high-quality student counseling mechanism, and efficient administrative teams, which make all teachers and students teach and learn in a diversified, high-tech, and comfortable environment.

V. Strategic Alliances with Other Universities and Institutions, Academic Interchange, and Resources Sharing



NUK enthusiastically upgrade our academic research, conduct virtual academic interchange with other universities in Taiwan or abroad, such as arranging students' exchange programs and faculty members' mutual visits to increase the opportunities for learning and collaboration. By establishing "The Institute of Kaohsiung", we have formed a strategic alliance with other six universities in Kaohsiung City and integrate and share all the resources and characteristics.

## VI. Stimulating Research Capacity and Promoting the Collaborations between Industries and Academia

NUK encourages the stimulation of teaching and research staff and students' capacity of research and development to fulfill the industries' goal of putting theories into practice. We have signed strategic alliance agreements with different institutions, such as China Steel Cooperation, Metal Industries Research and Development Centre, National Museum of Marine Biology and Aquarium, Zuoying Branch of Kaohsiung Armed Forces General Hospital, Kaohsiung Veterans General Hospital, and National Applied Research Laboratories. In addition, we also cooperate with the coordinators of different enterprises in our Advanced Business Incubation Center, and deepen the collaborations with Southern Taiwan Science Park and surrounding industries in the processing and industrial zones.

## VII. Constructing a University Town with Humanities, Ecology, Leisure, and Health

Based on the goal of building "a green NUK with environmental sustainability", NUK was Taiwan's first green university which signed the Talloires Declaration and was elected as the "Model Green University" by the Ministry of Education in 2009. We were also awarded as one of the "Promote Environmental Protection Meritorious Schools" by the Environmental Protection Administration, Executive Yuan in 2010, and were appointed as the "Wetlands of National Importance" by the Construction and Planning Agency, Ministry of the Interior in 2011. NUK aims to promote the construction of a university town, and build a green campus without walls. By increasing the quality of university community and emphasizing on knowledge culture, arts, and leisure, we hope to deepen the development of the greater Kaohsiung area.

#### The Self-positioning of NUK:

- Integrating Teaching, Research, and Industry
   Development
- Emphasizing on Humanities and Technological Innovation
- Being a High-quality and distinctive University that
   Cultivates Elites and Talents

### The Blueprint of Future Development: We aim to become a distinctive institution with excellent international reputation.



#### **University Mottoes:**

The peripheral circle includes the overall educational goals of NUK (an integration of four kinds of abilities).



## Departments and Institutes of NUK

When NUK was founded in 2000, there were only six undergraduate departments. Currently, we have 21 undergraduate departments, 2 two-year in-service undergraduate programs, 23 master programs, 7 in-service master programs, 6 EMBA programs, and 3 PhD programs. In the future, we aim to establish more innovative and trendy departments and institutes to continuously aspire to the excellence in education and active research environment.

- Undergraduate Programs
- 2-year In-service Undergraduate Programs
- Master Degree Programs
- In-service Master Programs
- PhD Degree Programs
- EMBA Programs



# **College of Humanities** and Social Sciences

A Big Family with Humanities and Social Care

- Department of Western Languages and Literature
- Department of Kinesiology, Health, and Leisure Studies
- Department of Creative Design and Architecture
- Department of East Asian Languages and Literature
- Department of Athletic Performance

The College of Humanities and Social Sciences was established to balance the educational development in southern and northern Taiwan. It is the only college that combines the fields of humanities, social science, and science in southern Taiwan. We aim to cultivate professionals with the characteristics of humanities, social care, and international vision, and to provide other colleges or institutes in NUK with resources of teaching and research related to professional knowledge in humanities and social sciences. In addition, we have signed many agreements of academic collaborations and student exchange programs with many universities in countries overseas to increase students' learning opportunities and to broaden their horizons.

## Department of Western Languages and Literature

Profound Cultivation and Knowledge in Western Culture and Litera

The Department of Western Languages and Literature cultivates talents who are proficient in foreign languages, and have a thorough understanding of western literature, culture, and linguistics. Our basic courses focus on enhancing language proficiency. Students are placed into small classes and receive intensive and integrated trainings to develop their listening, speaking, reading, writing, and translating abilities. Advanced courses are mainly related to western literature, culture, and linguistics and focus on cultivating students' professional knowledge. We also offer applied courses (e.g. translating and interpreting, IT and business management, English teaching, etc.) to provide students with diversified learning opportunities and to reinforce the competitiveness of our graduates in academia and different industries.

#### Further Graduate Study

Graduates may pursue post-graduate studies in western literature, linguistics, foreign language teaching, foreign language training, translating, interpreting, and other related fields.

#### Career Opportunities

Graduates may seek job opportunities in culture, business, airline companies, and education industries or serve in research institutes or the Ministry of Foreign Affairs.

Undergraduate Program     In-service Master Program	<ul> <li>O 2-year Program ● Master Degree Program</li> <li>O Ph.D. Degree Program</li> </ul>









### Department of Kinesiology, Health, and Leisure Studies

## Integrating the Knowledge and Skills of Health Care and Extending the Core Values of Sports and Leisure

This department aims to merge professional kinesiology, health and leisure, and to enhance the health knowledge in developing the skills of kinesiology and leisure, in order to create a holistic health. To achieve the goal of holistic health, we intend not only to extend the essence of "kinesiology" and "leisure", but to also integrate "health" into the natures of "kinesiology" and "leisure". To highlight the department's education concept, the department cultivates the specialists in kinesiology and leisure, emphasizes both theory with practice, and humanities in combined with scientific technology.

#### Further Graduate Study

Graduates may pursue post-graduate studies in sports management, sports health care, sports and medical sciences, public health, health promotion, leisure management, travel and tourism, leisure and recreation, or other related fields.

#### Career Opportunities

Graduates may seek job as health and fitness instructor, exercise physiology instructors, sports club coach, or personnel of the leisure and recreation, tourism, and therapeutic recreation industries. Leisure and health-related industries:

Tour guide, tour leader, planning and management in travel and tourism or leisure and recreation industries, planning and management for MICE industries, tour guiding and interpretation, hotel management, leisure farm management.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ● In-service Master Program ○ Ph.D. Degree Program





### Department of East Asian Languages and Literature

## Language Talents with Professional Knowledge in East Asian Social Science

The Department of East Asian Languages and Literature offers three language programs, including Japanese, Korean, and Vietnamese, and focuses on both language and social science courses. On the basis of "language learning", we further emphasize on structural research and knowledge system of Taiwan-centered East Asian international relations. Our educational goal is to cultivate professionals in international affairs who have competent theoretical background and excellent foreign language abilities demanded by the government sectors and enterprises in Taiwan or abroad.

#### Further Graduate Study

Graduates may pursue further postgraduate studies in East Asian languages, social science, or other related fields.

#### Career Opportunities

Graduates may take Senior Civil Service Special Exam or work as interpreters, translators, foreign language teachers (Japanese, Vietnamese, and Korean), personnel in trading and business industries, personnel in journalism or other culture-related industries.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program

## **Department of Athletic Performance**

Training Native Elite Athletes and Cultivating "The Next Glory of Taiwan" in Sports Circle

The Department of Athletic Performance offers trainings in four major types of sports i.e. baseball, badminton, table tennis, and swimming. In accordance with the government's policy and goals, several key sports are selected for the development of our department. We recruit superior professionals in sport instruction and research, and provide excellent training environment and equipment to increase the level of competitive sports as well as to nurture elite athletes and professional coaches in competitive sports in Taiwan. We also aim to conduct and increase scientific research on competitive sports for the purpose of strengthening the competence of Taiwan's competitive sports and increasing international publicity.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in physical training, athletics or other related fields.

#### Career Opportunities

Graduates may work as national coaches, professional coaches, physical fitness instructors, sports training coaches in clubs, sports research talents, etc.

Undergraduate Program 
 2-year Program 
 Master Degree Program
 In-service Master Program 
 Ph.D. Degree Program



## **Department of Architecture**

## Department for acquiring professional abilities in architecture and urban development

The Department of Architecture is based on the Graduate School of Urban Development and Architecture founded in 2002. In 2012, it was transformed into the Department of Creative Design and Architecture, offering undergraduate, graduate and executive master's programs with almost 600 alumni.

The newly launched Department of Architecture was approved with an enrollment in 2018 of 30 undergraduate students and 29 graduate students annually. In response to the current world trend and the task of modifying urban institutions and architecture, the department will generate environmental sustainability as the goal with a characteristic system for creating a unique learning atmosphere and environment integrating internationalization and localization.

#### Further Graduate Study

Architecture graduate schools and other relevant domestic and overseas master's programs

#### Career Opportunities

Landscape planning and design, environment planning and design, architectural design, interior design, architectural management, public service employment, and work at educational/academic institutions

● Undergraduate Program ○ 2-year Program ● Master Degree Program ● In-service Master Program ○ Ph.D. Degree Program









## Department of Crafts and Creative Design

#### Integrating creative thinking and craft skills

Titled the Creative Design Section of the Department of Creative Design and Architecture, this department was established in 2000 teaching traditional techniques to dedicated, talented creative design students in southern Taiwan. Approved by the Ministry of Education on the basis of its performance, this section was empowered to be the Department of Crafts and Creative Design in 2018. Using craft skills as the basis, modern creative design thinking as the core, digital media as the presentation as well as newest CAD/CAM and 3D computer graphics as the assisting technique with modern crafts, this department cultivates interdisciplinary T-shaped talent with practical skills. In order to achieve the above goals, the department equips diverse workshops for design in areas ranging from wood to metal, shaping, imagery, digital media as well as providing proprietary labs for graphics, lasers and 3D, and computers. The computer lab is accredited as a patented room for examinations of TQC and ACA. We provide multiple possibilities for personal future development. This department affords the best chance for you to explore and discover yourself for future growth.

#### Further Graduate Study

Relevant graduate schools for art, shaping, imagery, crafts, design, cultural property, graphic design, vision, and interior design

#### Career Opportunities

Art imaging, graphic or web design, crafts design, creative production design, cultural property repairs, art administration, public service employment, and academic research

● Undergraduate Program ○ 2-year Program ○ Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program

# **College of Law**

Meticulous Thoughts, Critical spirits, and Broad Legal Minds

- Department of Law
- Department of Government and Law
- Department of Economic and Financial Law

The College of Law deepens legal education, integrates financial and political academic disciplines, and cooperates with universities in the world to match the characteristics of Kaohsiung City and Pingtung County and the trends of globalized competitive environment. We cultivate legal professionals who emphasize on ethical issues as well as the development of humanities and global visions. It is hoped that diverse legal talents with professional trainings in both theory and practice will be nurtured through our collaborations with the government and industries.



## **Department of Law**

Learning the True Meaning of Independent Thinking and Becoming Legal Professionals with Comprehensive Abilitie

The Department of Law emphasizes on the teaching and research of traditional subjects in jurisprudential education. On the basis of solid training in traditional jurisprudence (e.g. civil law, criminal law, administrative law, etc.), we aim to develop research on labor and management, environmental protection, intellectual property, etc. Through the training of logical and legal thinking, we nurture students' independent thinking ability and different problem-solving techniques in order to make them experience the beauty of jurisprudence and explore and develop themselves with courage. We cultivate our students to become legal professionals with full scale trainings.

Further Graduate Study Graduates may pursue further post-graduate legal studies in Taiwan or abroad.

**Career Opportunities** Graduates may take national civil service exams for lawyers, judges, notary, probation officers, administrative prosecutors, or work as judicial, judicial administration, or legislative assistants in government sectors. They may also seek employment opportunities in private corporations and work as legal personnel.

● Undergraduate Program ◯ 2-year Program ● Master Degree Program ● In-service Master Program ◯ Ph.D. Degree Program



### Department of Government and Law Social Elites with Sufficient Political Capacity and Profound Knowledge in Jurisprudence

The Department of Government and Law is the first academic institution which combines teachings and research of "politics" and "law", and was established in 2000 to meet the needs of national democratic development and the construction of the rule of law. We aim to nurture talents with professional knowledge in politics and law in southern areas in order to bridge the gap between northern and southern Taiwan. Later, the 2-year in-service Bachelor Program was established in 2001, the Master Degree Program in 2004, and the in-service Master Degree Program in 2009. We emphasize on the cross-disciplinary integration of the professional knowledge systems of the traditional disciplines of politics and law, and adopt the concept of "state" as the joint value of these two fields. Our teaching and research in the political field emphasize on the operation of government organizations and policies. The focuses of the legal field are public laws (i.e. constitutional law and administrative law), but traditional legal studies, such as civil law, business law, and criminal law, still remain in our core curriculum.

Further Graduate Study Graduates may pursue further post-graduate legal and political studies or related fields in Taiwan or abroad.

**Career Opportunities** Graduates may serve as public officers by taking national examinations, such as Special Examination for Investigating officer and Judicial Personnel (e.g. judges, prosecutor, notary, administrative prosecutors, court clerk, and etc.), Civil Service Senior, Junior, Elementary Examination, and Local Civil Service Special Exam (general administration, personnel administration, general civil administration, anti-corruption, and etc.) as well as Special Examination for Investigative Personnel of Investigation Bureau, Ministry of Justice. They may also: serve as practicing lawyers by attending professional and technical lawyer exams; serve as administrative assistants of the legislators or local government councilors; serve as law service or administrative assistants of the law firms or the financial insurance offices; or service as journalists.

● Undergraduate Program ● 2-year Program ● Master Degree Program ● In-service Master Program ○ Ph.D. Degree Program



### Department of Economic and Financial Law A Proactive Combination of Jurisprudence, Nature, Science, Management, and Humanities

The Department of Economic and Financial Law cultivates talents in the related fields of economic and financial law, in order to meet the demands in economic development. In addition to offering the abundant curriculums in the fields of economic and financial law which incorporate both economic and trade knowledge with interdisciplinary integration, such as Company Law, Tax Law, International Economic Law, International Trade Law, the Securities Exchange Act, and the Fair Trade Law, we also offer courses which focus on the emerging fields of economic and financial law, such as Intellectual Property Law, Technology Law, and so forth. Moreover, we aim to train multidisciplinary, transnational and cross-industry legal talents of the new century and emphasize on the trainings in foreign languages in law, English legal documents and contracts, etc., in order to cultivate talents with multidisciplinary professions and international visions.

**Further Graduate Study** Graduates may pursue further studies in post-graduate school in relation to economic and financial or legal fields in Taiwan or abroad.

**Career Opportunities** Graduates may work in different levels of government departments or become professionals by taking various types of national examinations, such as the Judicial Examination for Judges and Prosecutors, Bar Examination, the Examination for patent Attorney, various Qualification Examinations for Public Officers, or Examinations for Financial Licenses, etc. They may also seek employment opportunities in academia or in domestic or foreign related Institutions or industries, such as the judicial system, law firms, the legal affairs departments in transnational or domestic enterprises, non-profit organizations, etc.

● Undergraduate Program ● 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program



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# **College of Law**

Thoughtful careful wealthy critical spirit And macro Legal Mind



# College of Management

Building A Comprehensively Localized and Internationalized College of Management

- Department of Applied Economics
- Department of Asia-Pacific Industrial and Business Management
- Department of Finance
- Department of Information Management
- Institute of Business and Management
- International Master of Business Administration (IMBA)
- Executive Master of Business Administration (EMBA)
- International Executive Master of Business Administration (IEMBA)
- Executive Master of Law and Business Administration (EMLBA)

Founded in year 2006, the mission of College of Management is to create knowledge and nurture talent. The college aspires to be recognized as a place where innovative and inter-disciplinary research is undertaken. In addition, we strive not simply to impart management skills to our graduates, but also to provide an environment that cultivate and excel their leadership potential. Today, the college is a dynamic globalized management school with over fifty full-time faculty and more than twelve hundred students. The college offers undergraduate and master's (including EMBA and IMBA) programs, and is affiliated with Center of Regional Economy and Industrial Development as well as Social Network Innovation Center.



## **Department of Applied Economics**

An Emphasis on the Combination of Economic theory and Practice

The Department of Applied Economics cultivates students' acute observation and analytical ability toward economic life and develops their concerns toward public issues, such as society, economy, politics, practical operating management, etc in response to the trends of sustainable economic and social development, such as structural changes of technological industry structure in Taiwan or abroad, financial diversification, trade and economic globalization, and aging population. We also provide collaborative teaching with other departments and colleges, including all departments in the College of Management, Department of Economic and Financial Law in the College of Law, Institute of Statistics in the College of Science, the Department of Kinesiology, Health, and Leisure Studies in the College of Humanities and Social Sciences, in order to cultivate students' interdisciplinary visions.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in economic analysis, finance, business management or related fields in Taiwan or abroad.

#### Career Opportunities

Graduates may work as industrial strategic planners, financial and economic analysts or serve in government sectors to contribute their professional knowledge through taking national examinations. They may also seek employment opportunities related to administrative management or work in the financial industry (including banks, securities, and insurance companies). Moreover, some of our graduates passed the Senior Civil Service Examination and are serving as public officers in the central government or local authorities.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program



## **Department of Asia-Pacific Industrial and Business Management**

(Business Management Program/ Industrial Management Program)

Cultivating Business and Industrial Management Talents with Asia-Pacific and Global Visions





The educational goals of the Department of Asia-Pacific Industrial and Business Management are to accommodate the development of regional economy and changes of the industrial and business environment and to cultivate talents who are familiar with Asia-Pacific economic development, foreign investment and management, and cross-cultural management. We help the students to develop problem-solving skills and abundant practical learning experiences. Students in the Business Management Program are expected to have a broad international vision and well-developed ability to manage international corporations. The Industrial Management Program focuses on cultivating students' professional ability in integrated engineering and management.

#### Further Graduate Study

Since our educational strategy combines both industrial and business management, students could broadly absorb professional knowledge and have wider choices for their postgraduate studies. Graduates may take entrance exams or apply for further post-graduate programs in international management, financial management, human resource management, industrial engineering, information management, technology management, international trade, or related fields in Taiwan or abroad.

#### Career Opportunities

Our educational strategy that combines both industrial and business management enables the graduates to have more diverse career opportunities. With the application of their professional knowledge about the Asia-Pacific regions, the graduates may seek employment opportunities in foreign companies, publicly traded or listed Taiwanese enterprises which have overseas business units. Furthermore, graduates could serve in the manufacturing, services, public enterprises, banking, financial, and securities industries, or work in management consulting companies, general civil services or related fields.

Undergraduate Program 
 2-year Program 
 Master Degree Program
 In-service Master Program 
 Ph.D. Degree Program

### Department of Finance Financial Elites with Prospective Views and International Outlook

The research of the Department of Finance emphasizes on Corporate Finance, Investments, Financial Institutions and Markets, new derivative assets and risk management and includes a wide range of fields, such as fiscal and monetary policies of the government, development and management of securities and financial markets, corporate governance, investment decision-making and portfolio management, financial risk management, and international financial management. In response to the rapid changes of financial tools and markets, we not only offer fundamental courses and multiapplicational elective courses, but also enhance students' analytical and research abilities by conducting research of case studies.

#### Further Graduate Study

Graduates may pursue post-graduate studies in financial management, business management or related fields.

#### Career Opportunities

Graduates may seek job opportunities related to financial markets and institutions, financial management, investment planning, fund management, R&D, and financial planning.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program









### Department of Information Management

## Navigators of Information and Knowledge Management in the 21st century

The Department of Information Management encourages professors and students to develop and apply the knowledge of information management and to train and develop creativity, leadership and adaptability to changes. Based on the field of diversified information management, we inspire students to equip themselves with three main skills: information management, information technology as well as application and integration. We hope our students could become specialists who are competent at understanding and improving information management, and have international outlook and sufficient knowledge in technology and humanities.

#### Further Graduate Study

Graduates may pursue further studies in information management, information engineering, information science, technology management, business management, industrial engineering or related fields.

#### Career Opportunities

Graduates may seek job opportunities related to programmers of IT or computer departments, system analysts, planning and management personnel, applied system developers of software companies, project management personnel, management consultants, developers or maintenance personnel of digital broadcasting system in communications industry.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program

## Institute of Business and Management

The main objective of the Institute is to nurture highly skilled professionals required by domestic and international enterprise. At the same time we actively develop multidisciplinary research, integrate students with multi-dimensional training in economics, finance and management, and cultivate them with strong business management skills which will actually cater to the requirements of rapidly changing economic environments faced by the domestic and multinational companies.

#### Further Graduate Study

Graduates can pursue further studies in economics, management, finance and others related fields.

#### Career Opportunities

Graduates can participate in related national public examinations, or enter into national and foreign banks, insurance companies, securities investment companies, trading companies, manufacturing companies or domestic sector of production, technology, marketing, finance, accounting, planning, human resource, investment and similar management work.

○ Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program









### International Master of Business Administration (IMBA)

## Enterprise Management Professionals with International Outlook and Excellent Leadership

The International Master of Business Administration (IMBA) is an English-taught and interdisciplinary master degree program designed to integrate professional knowledge in industrial. We have specialized faculty from departments in the College of Management and cooperate with both domestic and foreign enterprises in order to offer our students diversified education in enterprise management, as well as to cultivate professionals who meet global trends in business administration field.

#### Further Graduate Study

Graduates may pursue doctoral or other post-graduate studies in economics, management, finance, information management, statistics, or related fields.

#### Career Opportunities

The job opportunities for the IMBA graduates are diverse. They may pursue future career in domestic and foreign banks, insurance companies, securities investment companies, trading companies, manufacturing companies, or work positions in domestic or international departments of government sectors, or jobs related to management in production, marketing, finance, accounting, technology, planning, human resource, investment, etc.

○ Undergraduate Program
 ○ 2-year Program
 ● Master Degree Program
 ○ In-service Master Program
 ○ Ph.D. Degree Program

## **EMBA** Programs

## Executive Master of Business Administration (EMBA)

Familiarizing Cross-strait Economic Trade Practices and Increasing the Competitiveness of Enterprise Managen

The EMBA program particularly emphasizes on the investigation and research on enterprise management and operation (or related issues) in Taiwan and other countries in the Asia- Pacific region. In addition to develop human resources for Taiwan's enterprises for overseas investments and global development, we are also responsible for cultivating high-quality managers for the Kaohsiung Science Park, Kaohsiung Sea and Air Transportation Center, Kaohsiung Multifunctional Commerce and Trade Park and International Warehousing and Processing Transit Center, and other emerging industries.

#### Further Grad ate Study

Graduates may pursue doctoral or other post-graduate studies in economics, management, finance, or related fields.

#### Career Opportunities

Graduates may work in domestic and foreign banks, insurance companies, securities investment companies, trading companies, manufacturing companies, and domestic or international departments of government sectors for management jobs in production, technology, marketing, finance, accounting, planning, human resources, investment, etc. They may also apply their professional knowledge in industrial and business operations management and marketing to establish their own careers.





## International Executive Master of Business Administration (IEMBA)

Grasping the Key of Business Administration and Increasing International Competitiveness





The IEMBA program is established for the need of gradually increasing number of those middle or high-level executives who come back to Taiwan for further education. In response to the trends of regional development, we specifically design this program which emphasizes both management theories and practices and masters the trends of Southeast Asia, Asian, and global market economy. We also aim to cultivate world-class business leaders with global vision, creative ideas, and excellent planning and decision-making abilities.

Further Graduate Study

Graduates may pursue doctoral or other post-graduate studies in economics, management, finance, or related fields.

#### Career Opportunities

Graduates may work in banks, insurance companies, securities investment companies, trading companies, production and manufacturing companies, and domestic or international departments of government sectors for management jobs in production, technology, marketing, finance, accounting, planning, human resource, investment, etc. They may also apply their professional knowledge in industrial and business operations management and marketing to establish their own careers.

#### Executive Master of Law and Business Administration (EMLBA) Integrating Knowledge of Law and Management, and Pursuing Efficiency and Competitiveness

The features of the EMLBA program are that we focus both on Legal and Management studies and explore the issues, such as medical disputes and relevant legal cases, information & communication and law, intellectual property, hi-tech development and legal issues, etc. In this program, we not only teach theories, but also use case studies or seminars as educational tools to assist students' learning. Through the cooperation with the government and industries, and international academic interaction, we aim to cultivate management experts with professional legal knowledge.

#### Further Graduate Study

Graduates may take relevant national public examinations or pursue doctoral or other post-graduate studies in economics, law, management, or related fields.

#### Career Opportunities

Graduates may seek job opportunities in different levels of government sectors, the third sector, private enterprises (e.g. legal consultants, patent consultants, managers, or other management occupations related to law), academic or research institutions. They may also apply their professional knowledge in law or management and combine practical experience to establish their own careers.





# **College of Science**

Theory and Practice Specialty and Versatility Balanced Development in Science, Technology, and Humanities



- Department of Applied Mathematics
- Department of Applied Chemistry
- Department of Life Sciences
- Department of Applied Physics
- Institute of Statistics

The educational goals of the College of Science are: theory and practice, specialty and versatility, balanced development in science, technology and humanities. We aim to cultivate specialists by providing solid trainings in basic theories and applied techniques, promoting academic research and broad international outlook, assisting students to acquire professional knowledge in science and humanities. We also train our students to explain natural phenomena based on fundamental scientific theories and results of experiments, which will help our students to develop problem-solving techniques and adaptability to the practical challenges in order to provide appropriate counseling and services after working in the technology industry.



### Department of Applied Mathematics An Emphasis on both theories & practice and Cultivating Interdisciplinary Talents

The Department of Applied Mathematics focuses its research and development mainly in the areas of probability and statistics, combinatorics, and scientific computing. In addition to offering basic mathematical courses to consolidate students' fundamental training, we have designed a wide range of mathematical course to enhance students' general knowledge and motivate learning. With background knowledge in various areas of mathematics, students are able to employ their skills and pursue their careers in other areas of applied sciences such as engineering, information technology and management.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in applied mathematics, statistics, IT, finance, management, actuarial science, industrial engineering, electrical engineering, or related fields.

#### Career Opportunities

Graduates may seek job opportunities in IT, computer, electronics, financial, actuarial, or insurance industries, enterprises, consulting firms, budget, accounting and statistics department or units in the government sectors, and research institutions.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ● Ph.D. Degree Program



## **Department of Applied Chemistry**

#### A Stunning Magic World

The Department of Applied Chemistry aims to cultivate student's talent in basic and applied chemical research, and give them practical experience that can be used in their future employment in industry. To nurture outstanding talents in applied chemistry, we offer traditional courses in basic subjects in chemistry such as organic chemistry, inorganic chemistry, analytical chemistry, and physical chemistry. In addition, many of our faculty members have industry experience and offer various elective courses related to high-tech industries, such as, semiconductor manufacturing, advanced material processing, material analysis, green technology, and green and nanotechnology materials manufacturing. Through solid training provided in our fundamental and elective courses, our students are expected to become R&D professionals in applied chemistry with international competitiveness.

#### Further Graduate Study

Our graduates pursue post-graduate studies or further professional training in industrial manufacturing or R&D in fields such as chemistry, environmental protection, semiconductors, electronics, materials, biochemistry, pharmacy, foods, and energy.

#### Career Opportunities

The job opportunities available to our graduates are diverse. They work as research scientists in chemistry, quality control, environmental protection analysts, process engineers, chemical engineers, patent analysts, industry analysts, trend analysts, chemistry teachers, or personnel in educational or government institutions.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program



## **Department of Life Sciences**

#### A Sanctuary to Breed Talents of Life Sciences

Our department aims at the cultivation of talents in basic science research and applied biotechnology to comply with the development trends of life sciences and the requirements of biotechnology industry in Southern Taiwan. The main target of our education is to foster students to have following core abilities : 1) ability of observation, exploration and logical analysis, 2) professional knowledge in life sciences, 3) ability of research and data analysis, 4) ability of reading comprehension in professional scientific literature and oral presentation. All the abilities would provide students have excellent competitiveness for the development of their career in spite of act as entrepreneurship, employment or further study in the future. The major research fields of our department are as following:(1) Animal Science and Technology : pathogen detection and prevention of aquaculture and livestock, physiology of fish development and reproduction, animal vaccine development, biopharmaceutical drugs design, ecological environment and sustainable use of biodiversity resources.(2) Plant & Microbial Science and Technology: ornamental flower tissue culture, plant stress physiology, plant disease resistance mechanism research and application, development of medicinal plants and marine natural products, development of enzymes and antimicrobial active substances.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in life sciences and biopharmaceuticals in Taiwan or abroad, or in Academia Sinica. Career Opportunities

Graduates may work as R&D personnel or science administrators in academic and research institutions or in the industries and may also seek job opportunities related to: production and sale of medical, gardening, fishery and pasturage, or bio-tech products, etc.

● Undergraduate Program 🔿 2-year Program ● Master Degree Program 🔿 In-service Master Program 🔿 Ph.D. Degree Program



## **Department of Applied Physics**

You Will Be the Next Albert Einstein!

The Department of Applied Physics aims to closely combine education and research. Besides the fundamental courses in basic physical education, there are courses in solid materials e.g. research of structures, magnetism, and electrical and optical properties of solid materials in different dimensions; research of processing, and physical properties of novel magnetic materials and devices, etc. We also offer courses in nano-optoelectronics related fields, including optoelectronic displays, optoelectronic materials, optoelectronic detection, optoelectronic energy, next generation transparent conductive oxides, semiconductors and related nano-materials. In addition, we initiate close collaborations with industries which provide students more opportunities to participate in research and development of products in order to nurture future scientific talents for our country.

#### Further Graduate Study

Graduates may pursue post-graduate studies in graduate institutes in Taiwan or abroad, or continue academic research in Academia Sinica or Industrial Technology Research Institute (ITRI).

#### Career Opportunities

Graduates may seek job opportunities in high-tech industries related to physics, nano-optoelectronics, optoelectronics, magnetic semiconductor, semiconductor, computation & simulation, integrated optoelectronic devices, optoelectronics, nano-technology, electronics, or electrical properties, and work as engineers of processing, equipment, quality assurance, or research & development.





## Institute of Statistics

Pioneering Research in Data Science!

Besides basic statistic theories, the Institute of Statistics focuses on the research on industrial statistics and financial statistics which are considered to have great potentials for future development. Both their theories and applications are the fields that certainly need further investigation and study. In addition, we also offer fundamental courses in statistics which focus on practice and application in order to strengthen students' knowledge on basic theories, and use statistical methods effectively and enhance their writing and expressive abilities through practices. We aim to cultivate statistical professionals with solid trainings in both theory and practice.

#### Further Graduate Study

Graduates may pursue doctoral studies in mathematics, economics, statistics, management, or other related fields.

#### Career Opportunities

The job opportunities of our graduates are diverse. They may seek employment in educational or academic institutions or in the industries, such as IT, finance, insurance companies, health care system, consulting firms, accounting and statistics department or unit in government sectors, or other research institutions.

🔾 Undergraduate Program 🔿 2-year Program 🌑 Master Degree Program 🔿 In-service Master Program 🔿 Ph.D. Degree Program



# **College of Science**

Theory and Practice Specialty and Versatility Balanced Development in Science, Technology, and Humanities



# College of Engineering

Building a Sustainable Environment for Industrial Development in the New Century in Southern Taiwan and a Base of Cultivation o and R&D for Talents

- Department of Electrical Engineering
- Department of Civil and Environment Engineering
- Department of Chemical and Materials Engineering
- Department of Computer Science and Information Engineering

The College of Engineering was established to support the transformation and upgrade of traditional industries, participate in the development of new technological industry, and build excellent urban/rural environment for the demands of sustainable development. We emphasize on promoting technological integration, creating unique educational philosophy, and nurturing comprehensive talents with broad outlook and solid trainings in sciences and humanities.



## **Department of Electrical Engineering**

The Scientific Creator Who Makes a Connection to the Future

The educational goals of the Department of Electrical Engineering are to cultivate excellent talents in electrical engineering and to promote the upgrades of related industries. We focus on the research and development in the fields of professional applications, including communication, optoelectronics, computers, microelectronics, etc. We also have collaborations with industries to provide our students more opportunities to participate in industrial development and become technological talents with practical experience and abilities. In the future, we aim to develop from wireless communication to more advanced technologies e.g. satellite communication and the Internet, and further expand to broadband internet, IC design, manufacturing, and packaging as well as to the development of optoelectronics materials and systems, semiconductor manufacturing processing, and other related technologies. Our ultimate goal is to achieve the integration of information, communication and electronics.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in electrical engineering, electronics engineering, information technology, optoelectronics, communication technology, materials science, nanotechnology, biomedical engineering, industrial engineering or related fields.

#### Career Opportunities

Graduates may seek employment opportunities in the electronic, communication engineering, optoelectronic, IT, semiconducting, and materials science industries or work in academic or research institutions.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ● In-service Master Program ● Ph.D. Degree Program









### Department of Civil and Environment Engineering

#### Managing Our Only Earth with Sustainable Vision and High-tech Operating Techniques

The Department of Civil and Environment Engineering is the first academic department that integrates civil and environmental engineering in Taiwan. We focus on the development of disaster prevention technology, pollution prevention and treatment, environmental conservation, green engineering, and system engineering. Our course designs emphasize on both civil and environmental engineering which include high-tech disaster prevention and monitoring, nondestructive testing and monitoring, earthquake engineering, ecological engineering, prevention and treatment for mudflows and landslides, and environmental conservation. We aim to cultivate engineers with the vision of sustainable development.

#### Further Graduate Study

Graduates may pursue further post-graduate studies in civil engineering, construction engineering or management, applied mechanics, environmental engineering (management), and environmental safety and hygiene, etc.

#### Career Opportunities

Graduates may seek employment opportunities in governmental institutions, engineering consulting firms, constructional institutions, mechanical engineer offices, nonprofit research foundations. They may also serve as planning and design engineers, environmental analysts, engineering technology researchers, and licensed engineers (e.g. structural engineering, geotechnical engineering, civil engineering, environmental engineering, and etc).

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program

## Department of Chemical and Materials Engineering

#### A Cradle of High-tech Engineering Talents

The department of Chemical and Materials Engineering has undergraduate and graduate degree programs to prepare students for a wide range of careers that span many industries including semiconductor, electronics, optoelectronics, energy, biotechnology, polymer science, nanocomposites, metallic materials, and many others. Three research fields are emphasized in the department including the nano and molecular engineering, cutting-edge functional materials, and biomedical materials and engineering.

#### Further Graduate Study

Undergraduate students may pursue further graduate studies in chemical engineering, materials science and engineering, nanotechnology, environmental engineering, energy engineering, polymer science and engineering, applied chemistry, biomedical materials and engineering, metallic materials and engineering, and other related fields.

#### Career Opportunities

Graduates may seek employment opportunities in industries such as electronics, optoelectronics, semiconductor, metallic materials, polymer materials, petrochemicals, biomedical materials, pharmaceuticals, environmental protection, or in related academic and research institutions.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ○ In-service Master Program ○ Ph.D. Degree Program









## Department of Computer Science and Information Engineering

#### The Intelligence Star of Information Technology

The Department of Computer Science and Information Engineering mainly focuses on the development of intelligent systems, and organizes different professional and crossdisciplinary programs that meet the demands of the industries. Through offering professional trainings in both theories and practice, we aim to cultivate IT talents with independent thinking and problem-solving abilities, and develop individual awareness of social and humanity issues.

#### Further Graduate Study

Graduates students may pursue their interests in IT by participating in master level programs offered by the department under subject areas including: Intelligent computing and applications, Network, multimedia and applications, as well as Embedded systems and applications. The department also offers in-service master program for individuals wishing to further enhance their knowledge and skills associated to information technology and related fields.

#### Career Opportunities

Graduates may consider employment opportunities related to intelligent computing and applications, information management, web design and maintenance, digital contents, IC design, landline and wireless internet, multimedia, 3C integration and system development, cloud computing, as well as other IT relevant career options.

● Undergraduate Program ○ 2-year Program ● Master Degree Program ● In-service Master Program ○ Ph.D. Degree Program

## Come to NUK and Become Pillars of Taiwan High-quality Academic and Educational Administration

Flipped Learning - Passionate Learners and Innovative Teachers We aim to create a student-led learning community, designed to provide our students with multiple learning opportunities and learning commons. On top of that, we also support our teachers in their efforts to develop innovative teaching and learning materials for self-regulated learning. These components breed flipped learning in NUK and arouse students' passions for learning. What's more, we also enable our students to develop their abilities to carry on, build mobility toward different dimensions, and specially enhance our students' competitiveness for future challenges.



#### Life in NUK - Comfortable Campus and Splendid Environment

The dormitory spaces for freshmen are distributed based on the distance of their hometowns, and the rates are cheap. We provide quad rooms which have new equipment and comfortable environment. The water on campus comes from Kaohsiung Pingding Water Treatment Plant that supplies high-quality fresh water. There are two restaurants which provide catering services (including buffets, light meals, food court). There are book stores and photocopy shops in the Library and Information Center. We also sign contracts with neighboring shops which can offer students special discounts, decrease living expenses, and make the life in NUK much easier. We provide free bicycles on the campus, so it is convenient for teachers and students to move among different buildings. They can have some exercise and save energy.

#### **Holistic Liberal Arts Education**

The General Education Center aims to develop a holistic person. The Center offers diverse and high-quality curriculum featuring learnercenteredness, action learning, problem-based learning and outcomebased assessment, in order to nurture global citizens who possess critical thinking skills, ethics, citizenship, scientific understanding, cultural values and aesthetic sense.







## Continuing Education Diversified Programs and Lifelong Learning

Utilizing the resources of NUK and excellent talents, we offer credit and non-credit courses as well as other highquality programs (e.g. management, law, IT, and languages which emphasize on practicality and liveliness) and learning environment to meet the learning demands of different fields. Meanwhile, we cooperate with the government and enterprises and provide different training courses to serve the society and increase human capital. In addition, with reference to our belief on making a reading society, promoting life-long learning and inspiring student future career, we actively invite government officials and outstanding people from different industries and academia to provide series of lectures to broaden students' perspectives on learning.





## High Volume of Scholarships and Affordable Tuitions to Study at NUK

Located in the largest city in southern Taiwan; however, NUK has one of the lowest tuitions among major national universities in Taiwan. In addition, Our undergraduate and postgraduate programs offer a high volume of scholarships (NT\$ 200,000 to NT\$ 300,000) to encourage prospective students to study at NUK. Moreover, different kinds of scholarships and financial aids are offered, such as, Presidential Award, Incentive Scholarship, Parttime Job Scholarships, financial aids for postgraduate students, student loans, emergency financial assistance, and other scholarships offered by different organizations or institutions.

#### High-quality Student Clubs – Diversified Learning and Unlimited Possibilities

Student clubs are a wonderful way to learn new skills in an informal environment. NUK student clubs help students make new friends, broaden horizons, understand social issues and learn teamwork skills. There are about 100 student clubs in the following 7 categories to choose from : 1. sport and physical fitness ; 2. recreation ; 3. art ; 4. community service ; 5. social ; 6. academic ; and7. the student union. Students will develop interpersonal skills throughout their club activities that will enrich their university experience and assist them in later life.



# **Innovative Research and** International Cooperation Excellent Administrative Team & Strong Backup of Academic Units

#### International Exchanges **Mutual Visits & Reciprocity** between More than One Hundred Partner Universities

We have signed academic exchange contracts with famous overseas and domestic universities, including National Cheng kung University and other universities in Taiwan. We also have partnerships with the following universities in the world- Asia: Seoul National University, Kyung Hee University and other universities in Korea, Yokohama National University, TOHOKU University and other universities in Japan, Hanoi University, Hong Duc University and other universities in Vietnam, Mahidol University, Siam University and Rangsit University in Thailand, University of Malaya in Malaysia, etc; Europe: Humboldt University of Berlin in Germany, University of Essex in the UK, University of Applied Sciences Upper Austria in Austria and other universities; America: George Mason University, Kean University and other universities; Africa: University of Tunis El Manar in Tunisia; Australia: University of Queensland, University of Canberra and other universities. China: Jilin University, Wuhan University and other universities. We have signed academic exchange contracts with more than 160 universities in total at home and abroad. We are devoted to establishing mechanisms of mutual visits for both teaching/research staff and students in order to increase the opportunities for students to participate in international academia and practice.





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#### Research Centers - Theory & Practice and Academia-Industry Collaboration

We diligently perform the government's policy to promote the innovation and entrepreneurship for domestic small business, and integrate the abundant research and teaching resources in the university to provide expertise incubation service. We can release the innovative research energy and full startup knowledge to construct excellent environments for the incubation of new products, new institutions, new technologies, transformation, and upgrade in a business. The Center of Built Environment Sustainable Technology of National University of Kaohsiung is to drive the new model of sustainable campus development by promoting the large scale wood building combining sustainable architecture technology. The long term mission of the Center is to establish a research and a communication platform that will become an academic, industrial and regional center of technology for the southern Taiwan. Fastener and Steel Research Center – We aim to strengthen personnel education and training of basic iron and steel industry, industrial technology R&D, and industrial development. We also provide commissioned analysis and technical consulting services for the commercial and industrial industries, and promote exchange of information related to iron and steel materials and fasteners processing technology.







## Research Development — Integration of Resources, R&D, and Innovation

The cross-departmental research team in National University of Kaohsiung consists of professionals from different academic groups, including financial laws, Asia-Pacific business and regional development, biotechnology, opto semiconductor, system-onchip technology, communication and information, nanotechnology, environmental engineering, etc. With the goal of enhancing our international competitiveness, we provide a research environment under the framework of humanity and technology integration.





#### Language Center

The Language Center is made up of two divisions : Division of Foreign Languages and Division of Chinese Language. The mission of the Division of Foreign Languages is to advance English/foreign language instruction by providing : (1) intensive language training courses in English, Japanese, Korean, French, German, Vietnamese, etc. (2) tailored courses to cater to different needs in various businesses and industries. (3) English language testing services such as TOEIC, TOEFL, and IELTS. The primary task of the Division of Chinese Language is to offer non-native speakers of Chinese with general courses in Mandarin Chinese, focusing on the four language skills of listening, speaking, reading and writing for common everyday purposes. Courses are divided into three different levels, ranging from beginner to advanced levels, to develop learners' confidence and fluency through systematic language activities. Private tutoring services are also offered through a learning plan customized for various individuals. With appropriate instructional methods and materials, the Center ensures that language learners have an excellent mix of interesting activities and opportunities to practice their target language in smaller classes.

The First University that Signed the Talloires Declaration in Taiwan

## A Green University with a Beautiful and Diversified Campus



The beautiful and green campus of NUK represents our commitment to sustainable management. NUK was Taiwan's first green university which signed the Talloires Declaration in 2004 and was appointed as the "Model Green University" by the Ministry of Education in 2009. We were awarded as one of the "Promote Environmental Protection Meritorious Schools" by the Environmental Protection Administration, Executive Yuan in 2010. Besides, the ecological pond on our campus was awarded as the "Wetlands of National Importance" by the Construction and Planning Agency, Ministry of the Interior in 2011. We treasure all the water resources on campus, and thus won the "Distinguished Water Conservation Award" in 2011 given by the

Water Resources Agency, Ministry of Economic Affairs. In addition, in order to implement the policy of establishing a green university, we continue to plant trees. For instance, in recent years, we planted 1,600 native trees in 2009, 1,490 camphor trees and other species of arbores, and 2,036 common jasmine orange and other species of shrubs in 2011 and 2014. We have constructed a green NUK without walls but with cycling tracks and pedestrian trails around the entire campus.



#### **Ecological Engineering Methods**

The river course throughout the campus was constructed by ecological engineering methods. Therefore, the insects, fish, and birds that once moved away due to earlier construction of the university could return to their original habitats to stay and nest. With the practice of ecological restoration and the protection of natural environment, now we have plenty of inhabitants in the ecological lake, such as moorhens, great egrets, turtles, fish, insects, plants and etc.

#### Windmill & Reclaimed Water System

There are three windmills with eye-catching appearance on campus. They look like energetic sunflowers flying in the wind. More than just being beautiful, they can draw water through wind power. Each windmill can collect nearly 350 tons of water which has been treated by the sewage treatment plant. To achieve the goals of environmental protection, energy conservation, and recycling, the water can be used for circulating watering for the ecological spaces on campus.

#### **Green Buildings**

Apart from reaching the standards of green buildings, the architectural features of the university buildings also include the adoption of energy-saving and water-saving facilities as well as the development of renewable energy. At the same time, with a large area of green space, we use planting and construction technologies that follow ecological principles to simulate diverse habitats for native animal species. The building of Humanities and Social Science College had passed nine indicators of green building, and received the golden certification of Green Building in 2013. Besides, it also won the second session of the Kaohsiung Green Architecture Award. The Center of Built Environment Sustainable Technology(BEST) completed a major wooden demonstration building in 2015, and it is the very first wooden project of building granted by the Ministry of Education.

All these achievement proves the ability and the determination of NUK to implement the green building.









## Sailing in a Sea of Knowledge and Searching for information on High-Speed Internet — Library and Information Center

With nearly 330,000 books, 1,038 seats and high-speed internet coverage supported by over 150 Wi-Fi access points, the NUK Library and Information Center incorporates the services of a library and computer center.

The Library and Information Center is committed to providing a comprehensive learning environment. To do this, we are modernizing traditional library roles and on the fast track to digitalization. Our goal is to meet and satisfy all demands for information in research, teaching and learning.

To promote life-long learning, the center is open to the local community. Multimedia viewing areas are also available for personal or group use.

#### Healthy, Dynamic, and Convenient – Sports and Health Recreation Center

The Sports and Health Recreation Center is equipped with international standard indoor swimming pool, badminton court, squash courts, gym and other facilities. It provides recreation, sport education, and health care functions. The center serves as an important place for sport and health care for both teachers and students. In addition, we also have Hung Sichuan sport plaza (all-weather stadium), camping & barbecue area, health trails, and roads and pedestrian pathways which can separate pedestrians from vehicles around the campus. All the teachers and students can live in an environment full of health, sports, and leisure.

