National Cheng Kung University
Development Overview

Motto

Seek for truth; Toil for good

Vision

Focusing on educational innovation, research excellence, and social responsibility. Shaping the future university that excels in **teaching, research, and fulfilling its social responsibilities**

Mission

- Enhance social responsibility & impact by developing resilience in addressing public issues
- Cultivate students' problem-solving abilities
- Drive industrial development, and support economic transformation and upgrading
- Engage in regional governance integration and fulfill the university's social responsibilities

Value

NCKU members each clearly demonstrate their value within the global community. NCKU members, through technological inventions and a knowledge culture predicated upon an ethical foundation, care for the disadvantages and contribute to the betterment of society, thereby connecting the cities and nations in which NCKU members prosper with the common future of humanity.

Education Performance Goal

- Problem-solving-centered in **interdisciplinary teaching**
- Guiding sustainable development with **excellent research**
- Cultivating **international talent** in addressing global issues
- Promoting urban development and human well-being through **university's social responsibility**

Data as at: 6th September 2024

Student 23,082
Alumni Approx. 210,000

Tenure-track faculty 1,321
Tenure-track research fellow 422
Admin. Staff 2,307

11 Colleges、**45** Departments、**39** Institutes、**23** Undergraduate Programs
Offer **47** bachelor programs, **114** master's programs (including **26** from in-service master's programs), and **62** doctoral programs
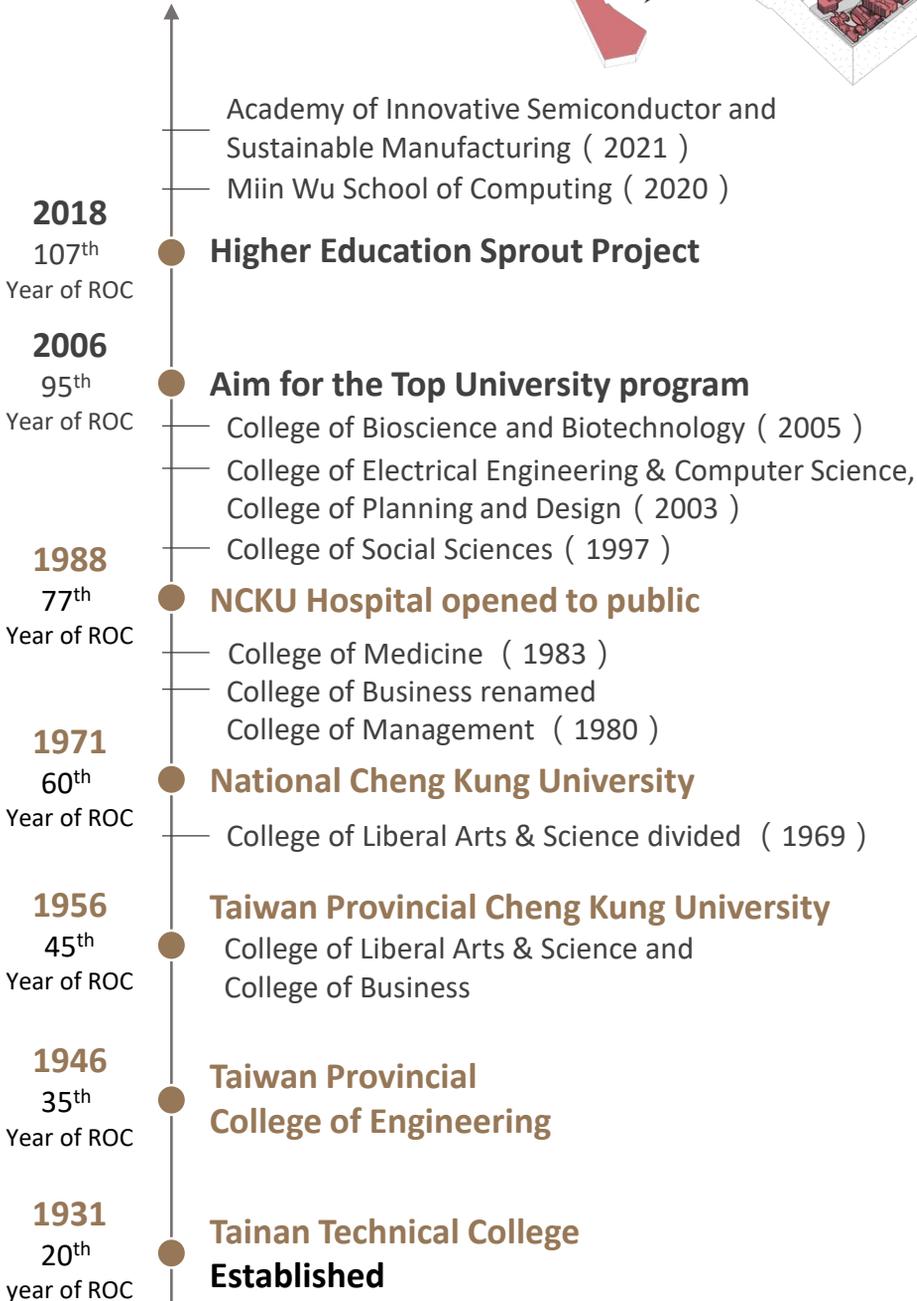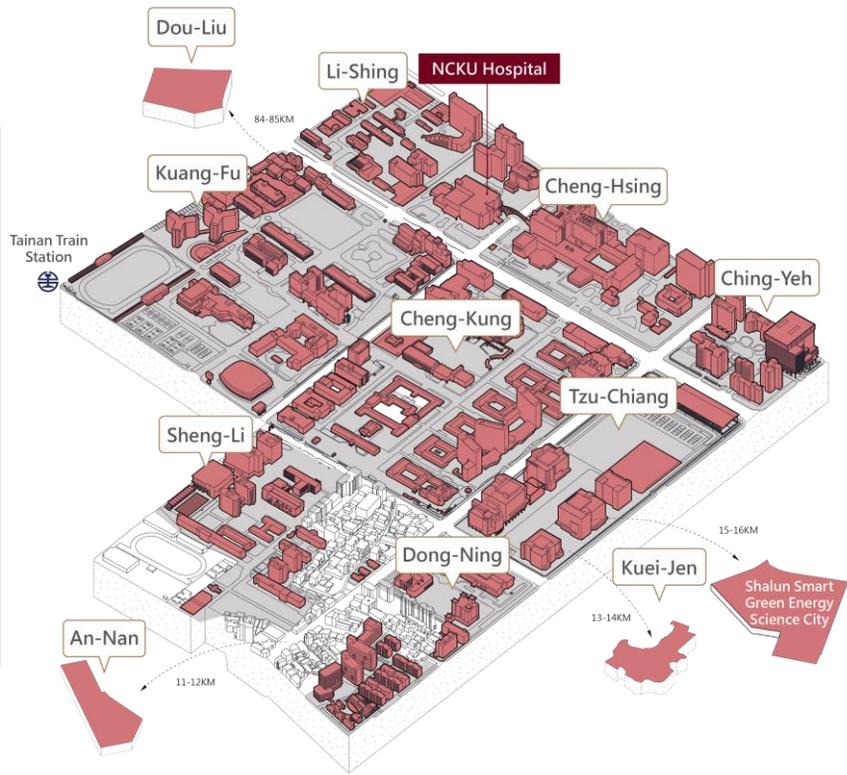
Campus
11 campuses, total area of 186 hectares

Admin. Dept.
10 Offices, 2 Halls, 6 Centers

Affiliated Institutes
NCKUH, Tainan Hydraulics Lab., The Affiliated Tainan Industrial Senior High School

Dou-Liu
Li-Shing
NCKU Hospital
Kuang-Fu
Cheng-Hsing
Tainan Train Station
84-85KM
Ching-Yeh
Cheng-Kung
Tzu-Chiang
Sheng-Li
15-16KM
Dong-Ning
Kuei-Jen
Shalun Smart Green Energy Science City
An-Nan
13-14KM
11-12KM

Academy of Innovative Semiconductor and Sustainable Manufacturing（2021）

Miin Wu School of Computing（2020）

2018
107th
Year of ROC

Higher Education Sprout Project

2006
95th
Year of ROC

Aim for the Top University program

College of Bioscience and Biotechnology（2005）

College of Electrical Engineering & Computer Science, College of Planning and Design（2003）

College of Social Sciences（1997）

1988
77th
Year of ROC

NCKU Hospital opened to public

College of Medicine（1983）

College of Business renamed College of Management（1980）

1971
60th
Year of ROC

National Cheng Kung University

College of Liberal Arts & Science divided（1969）

1956
45th
Year of ROC

Taiwan Provincial Cheng Kung University

College of Liberal Arts & Science and College of Business

1946
35th
Year of ROC

Taiwan Provincial College of Engineering

1931
20th
year of ROC

Tainan Technical College Established

Institutional Development

- Drafted five-year mid-term university development plan for 2023–2027 to implement educational performance goals.

- Established the Academy of Innovative Semiconductor and Sustainable Manufacturing along with 10 new programs and departments, reflecting current trends and changes in higher education.

- Set up International Advisory Board with 22 committees and university-level meetings have been organized according to regulations to deliberate key matters.

- In the 2024 THE World University Impact Rankings, our university has once again ranked 1st in Taiwan and 25th globally.

 # Mid-term University Development Plan
 # Establishment of new Colleges, Programs & Departments
 # International Advisory Board
 # Top 25 in the World University Impact Rankings

Institutional Management

- Each year, over 12 billion NTD is invested in the operation of teaching, research, and administrative units, as well as the construction of new teaching buildings and equipment upgrades. Financial resources are allocated based on available funds to ensure effective use of campus resources.

 # 12 billion NTD annually for campus operations, new teaching buildings, and new equipment
 # Balanced Budget

Governance Quality

- Established the Office of Strategic Planning to implement project management and apply big data analytics to enhance the use of university operations data, focusing on institutional development strategies.

- Promoted internal audits and self-assessment systems, ensuring quality assurance. Encouraged departments to seek external evaluations to ensure operational excellence.

- Promoted Smart Campus Safety Service Plan enhancing campus safety, disaster prevention, and management of labs and testing facilities.

Office of Strategic Planning
Internal audits and self-assessments ensure quality assurance from the university level to individual departments
Smart Campus Safety Service Plan

Information Disclosure

- Through the bilingual university homepage, five major social media platforms, and news releases, campus information is regularly or periodically communicated and updated for stakeholders.

- Engagement with stakeholders is enhanced through initiatives such as meetings with the President, faculty-student forums, parent forums, and labor-management meetings.

- The feedback mailbox system is used to regularly review and address submitted opinions.

Bilingual University Homepage, Five Major Social Media Platforms, News Releases
Faculty-Student Forums, Parent Forums, Meetings with the President, Labor-Management Meetings
Feedback Mailbox System

Faculty Support

- Flexible systems support teaching innovation, such as integrating AI into lesson plans, AP university preparatory courses, intensive courses, exploratory credits, EMI bilingual teaching, and micro-programs in specialized fields.

- Teaching research is used to validate teaching innovations, with incentives for the Teaching Practice Research Program, which ranks Top 1 in the nation for outstanding projects.

- Established Teaching Innovation and University Social Responsibility Awards to encourage faculty involvement in national language, bilingual, online courses, and regional revitalization programs.

- Flexible salary structures attract and retain talent, enhancing teaching and research capacity. In 2023, 7 faculty members received the National Science and Technology Council's Outstanding Research Award.

- Each college promotes diverse promotion paths (research, teaching, technical reports) based on its unique development focus and direction.

Flexible Systems Supporting Teaching Innovation
No.1 in Teaching Practice Research Projects
Awards for Teaching Innovation and University Social Responsibility
Flexible Compensation and Increased Research Funding
Diverse Promotion Opportunities

Program Design

- A systematic interdisciplinary learning mechanism guides students to take cross-disciplinary courses with clear objectives.

- Promoted flexible curriculum, including undecided major options from freshman to senior year, double majors, minors, and specialized programs, supporting interdisciplinary learning.

- Student-initiated course selection mechanisms and digital courses support self-directed learning.

Systematic Interdisciplinary Learning Mechanism
Flexible Curriculum   # Self-directed Learning

Item 2 │ Faculty Teaching and Academic Expertise

Faculty Operation

- Taking into account the number of retirements over the next three years, faculty positions for each college are pre-approved.

- NCKU 100 Years of Success enhances international faculty and research exchanges.

- Revised the guidelines for extending service to attract talent, with strict qualifications but flexible procedures.

- Administrative staffing levels are assessed based on the nature and current conditions of each unit, with improved compensation and promotion opportunities.

- The Campus-Friendly Empowerment Committee strengthens the professional development support system for faculty and staff.

- Established various dedicated committees to ensure employee performance evaluations and rights protection, integrating resources from the affiliated NCKU hospital to support employee health and promote a well-being-centered campus.

 # Pre-approval of faculty positions for each college
 # NCKU 100 Years of Success
 # Revised Guidelines for Extended Service
 # Improved Compensation and Promotion Opportunities
 # Campus-Friendly Empowerment Committee
 # Dedicated Committees for Performance Evaluation and Rights Implementation

Program Quality Assurance

- University operations research supports teaching decisions, enabling timely strategy adjustments to ensure course quality.

- Through the degree thesis quality assurance mechanism, research quality is continuously improved, ensuring that theses meet professional and academic standards.

 # University operations research supports teaching decisions
 # Degree Thesis Quality Assurance Mechanism

Undergraduate Education

- Established the Office of the First-Year Student and the NCKU FUTURE SUCCESS+ Personalized Academic and Career Planning System to enhance the learning support system, providing guidance on student life and financial resources.

- For 10 consecutive years, NCKU has ranked No. 1 in the 'Most Preferred University Graduates by Employers' survey from Global Views magazine.

 # Office of the First-Year Student
 # Personalized Academic and Career Planning System
 # No.1 Most Preferred University Graduates by Employers

Graduate Education

- The only university-level start-up funding program in Taiwan for Innovation Dream Comes True Project encourages students to pursue early-stage entrepreneurship.

- Established the nation's first 'Academy of Innovative Semiconductor and Sustainable Manufacturing'

- Master's and PhD students are required to complete at least six hours of academic ethics courses (graduate general education) to enhance professional research capabilities.

 # Innovation Dream Comes True Project
 # Academic Research Ethics General Education Course

General education and Interdisciplinary Education

- Promoted new forms of general education, encouraging students to engage in interdisciplinary learning through intensive 'modular courses' and applying experiential learning to embody 'life practice.' Cultivate 'aesthetic literacy' through explorations of Tainan.

- Built the TREVI course request platform supports student-driven interdisciplinary learning, adjusted graduate tuition policies to promote interdisciplinary learning for graduate students.

 # New General Education   # Policy Support for Interdisciplinary Learning

Item 3 │ Student Learning and Performance

Cross-school (border) Education and Collaboration

- Promoted collaboration program for talent development with top universities, having signed dual degree agreements with 36 institutions worldwide. The partnership with Purdue University has been expanded, resulting in all first graduating students being accepted into the master's program there.

- In interlibrary cooperation, the 'National Document Delivery Service' ranks 1st among university libraries in processing external service requests.

 # Collaboration Program for Talent Development in Top Universities
 # Library Interlibrary Cooperation Service Performance No. 1

Learning Assessment Mechanism

- Regular teaching feedback surveys are conducted to assist faculty in reviewing their teaching processes and improving course planning.

- Implemented Graduate destination surveys and analyses, with feedback incorporated into the university research system to optimize talent development and mentoring strategies.

 # Teaching Feedback Survey
 # Graduate Destination Survey and Analysis

Equal Educational Opportunity

- Diverse admission mechanisms, such as special admissions for underprivileged students from remote islands, medical training programs, students with disabilities, and sports admissions, ensure support for economically and culturally disadvantaged students.

- 'Safe Learning Assistance Program,' 'Scholarships for Economically Disadvantaged Students,' 'Living Assistance Grants,' 'Morning Light Scholarships,' and 'Work-Study Scholarships' provide financial support for economically disadvantaged students.

- A gender-friendly campus is fostered through diverse counseling activities that enhance ethnic inclusivity and cultural diversity.

 # Diverse Admission Mechanisms
 # Scholarships and Financial Assistance for Economically Disadvantaged Students
 # Gender-Friendly Campus

Demonstrate Social Responsibility

- Established Social Innovation USR Resource Center to integrate resources and personnel from across the university.

- Encouraged students to participate in experiential service learning courses and rural community initiatives.

- Collaboration with NCKUH supports pandemic prevention efforts and enhances regional medical capacity.

- Created SDGs website to showcase achievements, focusing on five key areas: human values, health and well-being, intelligent environmental control, net-zero carbon emissions, and disaster resilience, encouraging faculty research that aligns with sustainability themes.

 # Social Innovation USR Resource Center
 # Experiential Service Learning and Rural Community Engagement
 # Enhancing Medical Capacity through Collaboration with NCKUH
 # SDGs Website

Financial Sustainability Practices

- Industry-academic revenue has grown year by year, ranking No. 1 globally in the THE World University Rankings for industry income.

- Established the University Endowment Fund Management Committee to ensure that university development aligns with annual financial planning.

- Implemented mechanism for tracking and managing the effectiveness of revenue generation and cost control to ensure sustainable financial growth.

 # World University Ranking for Industry Income – No. 1 Globally
 # University Endowment Fund Management Committee
 # Revenue Generation and Cost Control Mechanism

Net Zero Carbon Emissions and Sustainable Campus

- The design of green buildings on campus effectively saves energy; the NCKU Tree System enhances the campus landscape. Smart technologies services reduce energy consumption, including electricity, paper, and labor, thereby decreasing carbon emissions.

- Established A Carbon Neutrality Training Base to cultivate the professionals and technologies needed for a net-zero transition.

- Promoted three major integrated sustainable interdisciplinary programs and field experimental programs, encouraging faculty research topics that align with sustainable development policies.

 # Green Campus Architecture   # NCKU Tree System
 # Carbon Neutrality Training Base for the New Generation
 # Sustainable Interdisciplinary and Field Experimental Programs