

# **Introduction to National Formosa University (Taiwan)**



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## An Overview

**Established:** 1980

**President:** Dr. Wen-Yu Jywe

**Full-time Faculty members:** 333

**Students:** 10,406

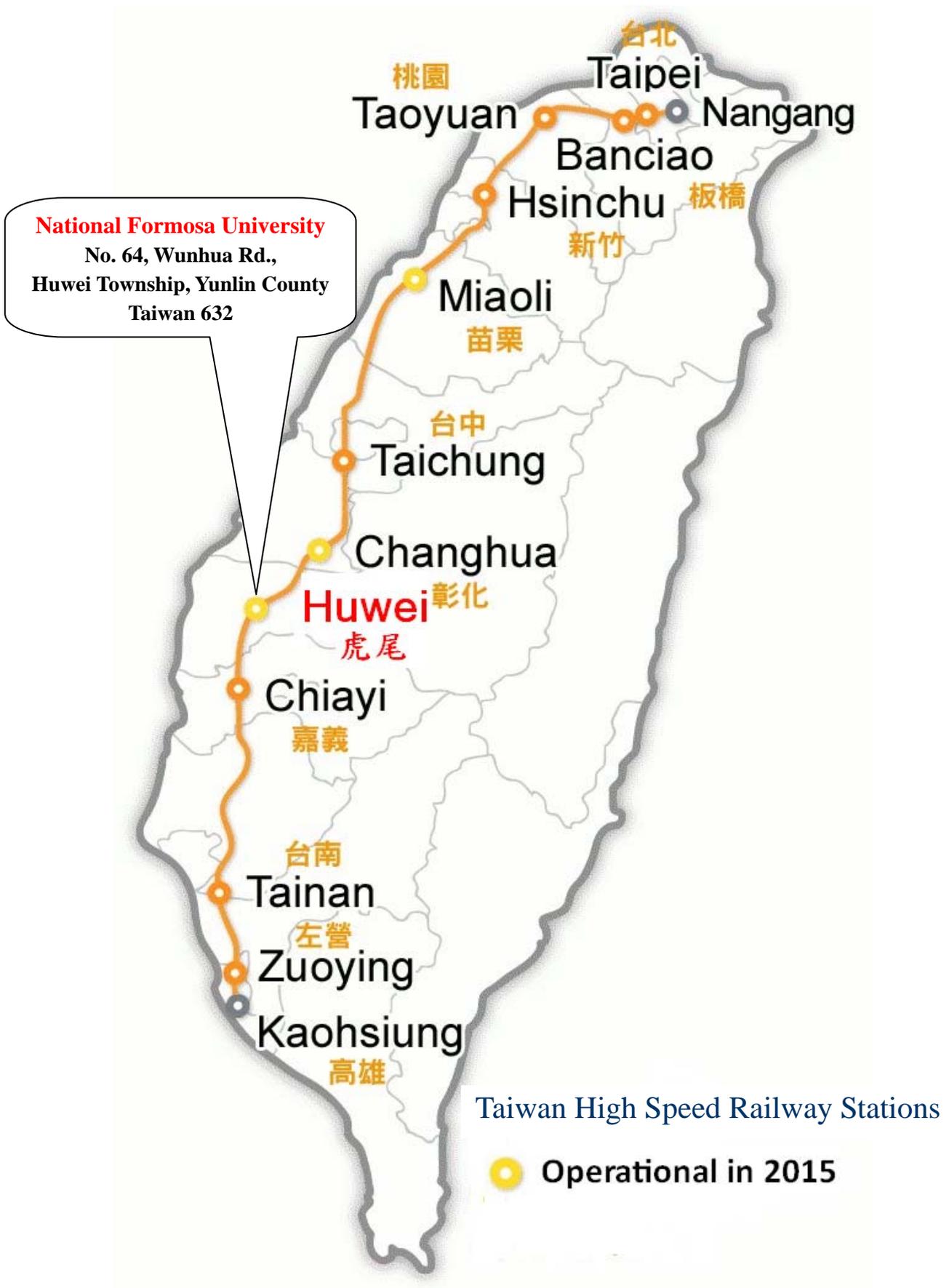
**Location:** Huwei Township, Yunlin County, Taiwan (Population 70,288)

**Web site:** [www.nfu.edu.tw](http://www.nfu.edu.tw)

### **Academic Programs:**

<b>College of Engineering</b>	<b>Program</b>	<b>Faculty</b>
Department of Power Mechanical Engineering & Graduate Institute of Mechanical and Electro-Mechanical Engineering	B.S., M.S., Ph.D.	21
Department of Mechanical and Computer-Aided Engineering	B.S., M.S.	17
Department of Materials Science and Engineering & Graduate Institute of Materials Science and Green Energy Engineering	B.S., M.S.	18
Department of Mechanical Design Engineering	B.S., M.S.	17
Department of Automation Engineering	B.S., M.S.	15
Department of Vehicle Engineering	B.S., M.S.	12
Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering	B.S., M.S.	26
<b>College of Management</b>		
Department of Industrial Management & Institute of Industrial Engineering and Management	B.BA., MS	12
Department of Information Management	B.BA., MBA	13
Department of Finance	B.BA., MBA	11
Department of Business Administration & Graduate Institute of Business and Management	B.BA., MBA	11
<b>College of Electrical and Computer Engineering</b>		
Department of Electro-Optics Engineering & Graduate Institute of Electro-Optical and Materials Science	B.S., M.S., Ph.D.	19
Department of Electrical Engineering	B.S., M.S.	22
Department of Computer Science and Information Engineering	B.S., M.S.	17
Department of Electronics Engineering	B.S., M.S.	17
<b>College of Applied Arts and Sciences</b>		
Department of Biotechnology	B.S., M.S.	14
Department of Leisure and Recreation	B.S., M.S.	11
Department of Multimedia Design & Institute of Digital Content and Creative Industries	B.A., M.S.	10
Department of Applied Foreign Languages	B.A.	19

## Location



## Brief History

- 1980 Provincial Yunlin Institute of Technology (**PYIT**) was established by the Taiwan government in July of 1980.
- 1981 The school was renamed as National Yunlin Institute of Technology (**NYIT**) because of governance transfer.
- 1991 The school was renamed as National Yunlin Polytechnic Institute (**NYPI**)
- 1997 The institute was reorganized and renamed as National Huwei Institute of Technology (**NHIT**) by the order of the Ministry of Education. The five-year junior college system was replaced by a two-year system and a four-year college system.
- 2004 The school was renamed as National Huwei University of Science and Technology (**NHUST**)
- 2005 The school was renamed as National Formosa University (**NFU**)

## Enrolled students in Fall 2014

	Male	Female	Total
Bachelor Program	6807	2422	9229
Master Program	905	245	1150
Ph.D. Program	24	3	27
Total	7736	2670	10406

## Program Establishment

- 1980 Mechanical and Computer-Aided Engineering
- Materials Science and Engineering
- Mechanical Design Engineering
- Power Mechanical Engineering
- Electrical Engineering
- 1988 Electro-Optics Engineering
- Automation Engineering
- 1990 Vehicle Engineering
- 1991 Industrial Management
- 1995 Aeronautical Engineering
- 2000 Information Management
- 2001 Applied Foreign Languages
- 2002 Computer Science and Information Engineering
- Finance
- 2003 Business Administration
- Biotechnology
- 2004 Multimedia Design
- Leisure and Recreation
- 2005 Electronics Engineering

### **Master Programs**

- 2002 Institute of Electro-Optical and Materials Science
- Institute of Mechanical and Electro-Mechanical Engineering
- 2004 Institute of Industrial Engineering and Management
- Information Management (**MBA**)
- 2005 Electrical Engineering
- 2006 Institute of Materials Science and Green Energy Engineering
- Institute of Business & Management (**MBA**)
- 2007 Institute of Aeronautical and Electronic Engineering
- Mechanical and Computer-Aided Engineering
- 2008 Computer Science and Information Engineering
- Automation Engineering
- Biotechnology
- 2009 Mechanical Design Engineering
- Leisure and Recreation
- 2010 Electronics Engineering
- Vehicle Engineering
- 2011 Finance (**MBA**)
- 2013 Digital Content and Creative Industries

### **Ph.D. Programs**

- 2005 Institute of Electro-Optical and Materials Science
- 2006 Institute of Mechanical and Electro-Mechanical Engineering

## Research and Service Centers

1. Precision Machine Center (PMC)
2. Micro-Electronic Mechanical System (MEMS) Design and Application Center
3. Photonics and Display Technology Center
4. Analytical Service Center of Agriculture and Biotechnology Product
5. New Product Development and Management Research Center
6. Innovation & Incubation Center

## Achievements

- NFU has received funding from MOE Teaching Excellence Projects for nine consecutive years (2006~2014).
- NFU received funding from MOE Subsidy Directions for Developing Technological University Paradigms in 2013~2016.
- The medals that NFU faculty and students won at international competitions in 2013 included one gold and one silver medals at the Invention & New Product Exposition (INPEX) in Pittsburgh, USA, five gold and three silver medals at the 24th International Invention, Innovation and Technology Exhibition (ITEX 2013) in Malaysia, one gold, one silver, and one bronze medals at the International Exhibition of Invention of Geneva, one gold and one silver medals at the 16th Moscow International Salon of Industrial Property “Archimedes”, one gold and two silver medals at the International Salon of Inventions and New Technologies in Ukraine, three gold, four silver, and five bronze medals at the 2013 Taipei International Invention Show and Technomart (INST), two gold medals, two silver medals, and one special award at the International Warsaw Invention Show.
- NFU has received the “Outstanding Technology Transfer Center Award” from the National Science Council (NSC) in 2007, 2008, 2010, 2011, and 2012, becoming one of Taiwan’s top five universities with such an honor.
- NFU was ranked as the second top of the nation’s universities and colleges, in terms of the number of patent licensing agreements signed from 2005 to 2012.
- According to HEEACT’s institutional evaluation results in 2011, of NFU’s 24 departments and colleges under evaluation, 23 were granted the status “Accredited”. This accreditation report acknowledged NFU as one of the best universities of the year.
- All programs in the College of Engineering and the College of Electrical and Computer Engineering are accredited by IEET. IEET is a non-profit and non-government organization, and is a member of Washington Accord, Seoul Accord, Sydney Accord, and NABEER. As a result, the degrees issued by those programs are recognized in many countries.

## Student Exchange Programs

1. Kinki University (Japan)
2. Meiji University (Japan)
3. Osaka Institute of Technology (Japan)
4. Southern Illinois University at Carbondale (SIUC, USA)
5. Indiana University-Purdue University Fort Wayne (IPFW, USA)
6. Pittsburg State University (PSU, USA)
7. British Columbia Institute of Technology (BCIT, Canada)
8. Okanagan College (Canada)
9. Moscow State Aviation Technological University(MATI)

## Programs in English

<b>College of Engineering</b>	<b>Master</b>	<b>Ph.D.</b>
Department of Power Mechanical Engineering & Graduate Institute of Mechanical and Electro-Mechanical Engineering	○	○
Department of Materials Science and Engineering & Graduate Institute of Materials Science and Green Energy Engineering	○	
Department of Mechanical Design Engineering	○	
Department of Automation Engineering	○	
Department of Vehicle Engineering	○	
Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering	○	
<b>College of Management</b>		
Department of Industrial Management & Institute of Industrial Engineering and Management	○	
Department of Information Management	○	
Department of Finance	○	
Department of Business Administration & Graduate Institute of Business and Management	○	
<b>College of Electrical and Computer Engineering</b>		
Department of Electro-Optics Engineering & Graduate Institute of Electro-Optical and Materials Science	○	○
Department of Electrical Engineering	○	
Department of Computer Science and Information Engineering	○	
<b>College of Applied Arts and Sciences</b>		
Department of Biotechnology	○	

## Programs in Chinese

<b>College of Engineering</b>	<b>Bachelor</b>	<b>Master</b>	<b>Ph.D.</b>
Department of Power Mechanical Engineering & Graduate Institute of Mechanical and Electro-Mechanical Engineering	○	○	○
Department of Mechanical and Computer-Aided Engineering	○	○	
Department of Materials Science and Engineering & Graduate Institute of Materials Science and Green Energy Engineering	○	○	
Department of Mechanical Design Engineering	○	○	
Department of Automation Engineering	○	○	
Department of Vehicle Engineering	○	○	
Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering	○	○	
<b>College of Management</b>			
Department of Industrial Management & Institute of Industrial Engineering and Management	○	○	
Department of Information Management	○	○	
Department of Finance	○	○	
Department of Business Administration & Graduate Institute of Business and Management	○	○	
<b>College of Electrical and Computer Engineering</b>			
Department of Electro-Optics Engineering & Graduate Institute of Electro-Optical and Materials Science	○	○	○
Department of Electrical Engineering	○	○	
Department of Computer Science and Information Engineering	○	○	
Department of Electronics Engineering	○	○	
<b>College of Applied Arts and Sciences</b>			
Department of Biotechnology	○	○	
Department of Leisure and Recreation	○	○	
Department of Multimedia Design & Institute of Digital Content and Creative Industries	○	○	
Department of Applied Foreign Languages	○		

## Admission

### **Fall Semester**

Application Deadline: May 31

### **Spring Semester (only for graduate programs)**

Application Deadline: Nov. 30

**※No Application Fee**

## Scholarships

### NFU Scholarship

- ◎ Tuition reduction
- ◎ Dormitory fee reduction
- ◎ Living expense stipend
- ◎ Free Chinese courses

**※Scholarship Award is decided by NFU Scholarship Committee**

## Tuition and Fees

**Tuition (each semester for Fall semester 2014 & Spring semester 2015)**

**NT \$**

<b>College of Engineering</b>	<b>Bachelor</b>	<b>Master</b>	<b>Ph.D.</b>
Department of Power Mechanical Engineering & Graduate Institute of Mechanical and Electro-Mechanical Engineering	52,800	55,100	
Department of Mechanical and Computer-Aided Engineering	52,800	55,100	—
Department of Materials Science and Engineering & Graduate Institute of Materials Science and Green Energy Engineering	52,800	55,100	—
Department of Mechanical Design Engineering	52,800	55,100	—
Department of Automation Engineering	52,800	55,100	—
Department of Vehicle Engineering	52,800	55,100	—
Department of Aeronautical Engineering & Graduate Institute of Aeronautical and Electronic Engineering	52,800	55,100	—
<b>College of Management</b>			
Department of Industrial Management & Institute of Industrial Engineering and Management	52,800	55,100	—
Department of Information Management	52,800	55,100	—
Department of Finance	47,500	53,900	—
Department of Business Administration & Graduate Institute of Business and Management	47,500	53,900	—
<b>College of Electrical and Computer Engineering</b>			
Department of Electro-Optics Engineering & Graduate Institute of Electro-Optical and Materials Science	52,800	55,100	
Department of Electrical Engineering	52,800	55,100	—
Department of Computer Science and Information Engineering	52,800	55,100	—
Department of Electronics Engineering	52,800	55,100	—
<b>College of Applied Arts and Sciences</b>			
Department of Biotechnology	52,800	55,100	—
Department of Leisure and Recreation	47,500	53,900	—
Department of Multimedia Design & Institute of Digital Content and Creative Industries	47,500	53,900	—
Department of Applied Foreign Languages	47,500	—	—

**Fees****NT \$**

<b>Dorm (4~5p / room)</b>	<b>Network Usage</b>	<b>Student Insurance</b>
\$6,600/semester	\$380/semester	\$360/semester

**Other expenses (estimate)****NT \$**

<b>Other expenses (meals, transportation, and others)</b>	<b>Books</b>
80,000	10,000

- ※ Foreign students with ARC and staying in Taiwan for 6 months have to pay National Health Insurance.  
(NT\$749/month)
- ※ Tuition and fees are subject to change.

# Campus Map





**First Campus**



**Second Campus**



**Third Campus**