Departments	Bachelor's	Master's	Doctor
College of Liberal Arts		_	
Chinese Literature	:	:	
Foreign Languages and Literature History	•	•	•
Philosophy	•	•	•
Anthropology Library Science	•	•	
Library Science	•	•	
College of Science			
Mathematics	:	:	:
Physics Chemistry		•	•
Geology	•	•	•
Zoology	:	•	•
Botany	:	•	:
Psychology Geography	•	•	
Atmospheric Sciences	•	•	•
Oceanography		•	•
Biochemical Sciences	•	:	
Fisheries Science		-	
College of Law Law			•
Political Science	•	•	•
Economics	•	•	•
Socialogy	•	•	•
San Min Chu I		•	
College of Medicine Medicine			
Public Health	•	•	
Pharmaceutical Science	•	•	•
Nursing	•	•	
Medical Technology	:	•	
Dentistry - Rehabilitation Medicine			
Anatomy		•	•
Biochemistry		•	•
Physiology		•	_
Pharmacology Pathology			:
Microbiology		•	•
Clinical Medicine			•
Cottege of Engineering			
Civil Engineering	•	•	:
Mechanical Engineering Electrical Engineering	:		:
Chemical Engineering		•	
Naval Architecture	•	•	•
Computer Science & Information	•	•	•
Engineering			
Environmental Engineering Material Engineering			
Applied Mechanics		•	•
College of Agriculture			
Agronomy	•	•	•
Agricultural Engineering	•	•	
Agricultoral Chemistry	•	•	:
Plant Pathology and Entomology Forestry		:	:
Animal Husbandry			
Veterinary-Medicine	•	•	•
Agricultural Economics	•	•	•
Horriculture	:	:	•
Agricultural Extension Agricultural Machinery Engineering	•	-	
Food Science & Technology			•
College of Management			
Business Administration	•	•	•
Finance	:		
Accounting International Trade	:		
ilicinational trace			

National Tsing Hua University. In .1956, the university was relocated in Hsinchu, Taiwan, as a single graduate institute with twenty students. Today, the university has four colleges, comprised of twelve undergraduate departments and seventeen graduate institutes with 3,585 students enrolled in 1986.

The university, which specializes in the study of basic and applied sciences, is now directing its academic emphasis toward two primary tasks: the promotion of interdisciplinary programs, among

Departments	Dankataria.	Maria		
	Bachelar's	Master's	Doc	
College of Science			C.	
Mathematics	•	•	143	
Applied				
Mathematics		•	10.0	
Physics .	•	•	- 1	
Chemistry	•		177	
Life Science		•		
Computer &			34	
Decision Sciences		•		
College of Engineering			15	
Materials Science			- 0	
and Engineering				
Chemical				
Engineering	•		13	
Power Mechanical			- 32	
Engineering	•	•		
Industrial			5.7	
Engineering		•	1.3	
Electrical				
Engineering	•			
			٠.	
College of Nuclear			17	
Science				
Nuclear Science		•		
Nuclear			Ŧ.	
Engineering	•	•	•	
Radiation				
Biology		•		
College of Humanities &				
Social Sciences				
Chinera				

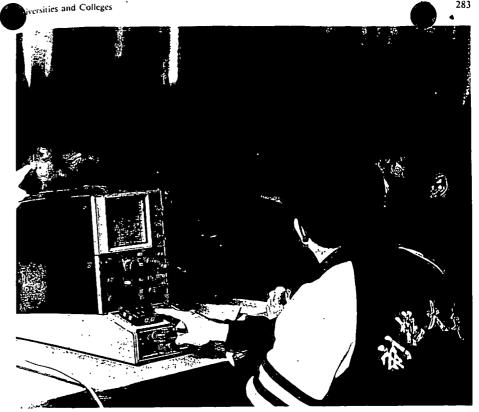
Programs Offered by National Tring Has University

which the development of life science will be a main 35 focus, and the realization of an equal emphasis on sciences and humanities in research and instruction.

Linguistics

History

National Tsing Hua University places strong'. emphasis on interdepartmental liaison and cooperation in teaching and research. Undergraduate curricula are designed in accordance with the principles of quality, flexibility, and consistency. A liberal education and career training are both emphasized. On the graduate level, interdisciplinary programs are encouraged, and more graduate institutes in humanities and social sciences are to be set up in the next few years. Research centers for optoelectronics, nuclear science and technology, materials science. computers, bioengineering, and a central laboratory have been set up on campus with a view to promoting long-term interdisciplinary programs as well as raising the quality of research work. The university also has a Scientific Instruments Center to provide support services to teaching and research. In a joint project with the governmental Chung Shan Institute of Science and Technology, NTHU provides personnel and facilities to the Tzu Chiang Research Institute, which unifies the efforts of academic institutions to develop science and technology of national defense interest. Research is at the heart of NTHU, and the university's steadfast commitment to academic excellence is manifested by the fact that its faculty members publish an average of two papers each year, one



Department of Control Engineering, National Chiao Tung University.

of which is published in an international journal. as well as by the fact that the annual ratio of the budget for cooperative research projects to the university's overall budget is a remarkable 1:3.

National Chiao Tung University

National Chiao Tung University was founded in Shanghai in 1896 to specialize in railway, electrical, and mechanical engineering, and administrative education. The reestablishment of the university in Hsinchu, Taiwan, began with an institute of electronics, which was inaugurated in 1958. Following that, two undergraduate departments of electrophysics and electronics engineering started in 1964. At present, it has three colleges with twelve departments and twelve graduate institutes. The university's enrollment in the 1986 academic year was 3.844.

Research activities are conducted with emphasis

on applied technology in the fields of electronics, computer engineering, management science, electrooptical engineering, and so forth.

The current research activities in electronics include computer-aided designs for VLSI system; computer-aided design for VLSI devices and circuits: process simulation models for VLSI; electronic material technologies for VLSI; new devices and integrated circuits; semiconductor device physics and measurements; solid-state physics and materials; sensors and transducers, and their interface circuits; network theory and system simulation techniques; industrial control and system design techniques; and so forth,

Research work in computer engineering covers design of Chinese typesetting systems; pictorial information systems; pattern recognition and image processing applications; computer-aided design of digital systems and very-large-scale integrated circuits; multiprocessor systems and their operating systems; distributed database systems; algorithm