Nanjing University of Information Science & Technology (NUIST), founded in 1960, is one of the key institutions of higher learning in China. A total of 47 specialties for bachelors, 22 for masters, and 13 for doctors are provided. With a scientific research center for post-doctoral students, the university enjoys a complete educational system. It began enrolling students from foreign countries and Hong Kong, Macao and Taiwan in 1990.

NUIST occupies an area of nearly 140 hectares with a floor space of more than 600,000 square meters. There are at present 1300 staff members, many of which undertake a wide range of scientific research programs for the state, ministries and provinces while fulfilling their teaching load. The university also invites foreign teachers and experts to teach on the campus. More than 50 laboratories with up-to-date facilities are available. Facilities of sports and recreation facilitate students’ spare-time activities.

In recent years, academic exchanges with foreign universities and research communities have been carried out. Through the ratification of WMO, in 1993, the WMO Regional Training Center was established to train senior meteorological personnel for developing countries around the world. The university is also qualified to enroll overseas students with Chinese Government Scholarship.
The development of a University depends on the strengthening of its disciplines. First-rate disciplines contribute to the attraction and cultivation of first-rate talents, then to the production of first-rate research achievements, and then to the making of a first-rate university.
Historical Development

In 1960, Meteorology College of Nanjing University, the first higher institution of meteorology in China, was founded.

In 1963, its name was changed into Nanjing Meteorology Institute.

In 1978, it was ratified as a key university in China and was approved to recruit students for master's degree.

In 2004 the new name Nanjing University of Information Science and Technology (NUIST) has been adopted upon the approval of the Ministry of Education.

In 2005 the quality of its undergraduate education was judged “EXCELLENT”.
Nanjing University of Information Science & Technology is an institution of higher learning in China, giving priority to Science, Engineering and Commerce with characteristics of Atmospheric Science, Information Science & Technology, and Environmental Science & Engineering. It consists mainly of 20 schools and faculties, which are granted to confer bachelor's, master's and doctoral degrees. In addition, a post-doctoral research center has been set up for holders of doctoral degree. The University has trained students and meteorologists for more than 100 countries and regions. The total enrollment of students is currently about 20,000, including 1,300 postgraduates and Ph.D. candidates.
## The Team

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professors</td>
<td>220</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>307</td>
</tr>
<tr>
<td>Lecturers</td>
<td>600</td>
</tr>
<tr>
<td>Teaching Assistants</td>
<td>160</td>
</tr>
<tr>
<td>Foreign Teaching Staffs</td>
<td>11</td>
</tr>
<tr>
<td>Other Staffs</td>
<td>451</td>
</tr>
</tbody>
</table>
220 professors, including 19 academicians (Such as Pro. Chen Jianming, Canada Royal academician; Pro. Li Zechun, Pro. Xu Jianmin, academician of the Chinese Academy of Engineering; Pro. Fu Congbin, academician of the Chinese Academy of Sciences) from abroad and other parts of China.

27 specialists enjoying a special subsidy from the State Council.

9 persons entitled National Modal Teachers by the Ministry of Education.

98 specialists with provincial honors.
Colleges & Schools

Atmospheric Science
Applied Meteorology
Remote Sensing
Information & Control
Electronic & Information Engineering
Environmental Science & Engineering
Computer & Software
Mathematics & Physics
Public Administration
Economics & Management
Languages & Culture
Binjiang College
Media and Arts
Atmospheric Physics
School of Atmospheric Science

- Students in Registration: 1825 undergraduate students, 355 graduate students, 137 PhD students
- Faculty
  4 foreign professors
  6 adjunct professors
  23 lecturers
  18 associate professors
  24 professors
- Degrees Offered
  Bachelor’s Degree Specialty: Atmospheric Science,
  Atmospheric Science (Climate Resource), Marine Science
  Master’s Degree Specialty: Meteorology, Climate System
  and Global Climate Change, Development and Utilization of Climate Resources;
  Doctor’s Degree Specialty:
School of Applied Meteorology

- Students in Registration: 595 students, including 492 undergraduate students, 86 graduate students, 17 PhD students
- Faculty: 8 Professors, 9 associate professors, 10 lecturers;
- Degrees Offered
  - Bachelor’s Degree Specialty: Applied Meteorology; Agro-resource & Environment
  - Master’s Degree Specialty: Applied Meteorology
  - Doctor’s Degree Specialty: Applied Meteorology
- Research and Development
  - Agro-meteorology;
  - Meteorological Problems in Ecology and Environment;
  - Urban Meteorology
- Labs and Institutes
  - Institute: Institute of Agro-meteorology
  - Laboratory: Experiment Center for Applied Meteorology; Experiment Station of Agro-meteorology; Laboratory of Agro-resource & Environment Analysis; Laboratory of Agro-resource & Environmental Monitoring; Laboratory of Agro-meteorology; Laboratory of Environmental Monitoring; Laboratory of Urban Meteorology; Laboratory of Atmospheric Physics.
Remote Sensing

Students in Registration: 853 students, including 760 undergraduate students, 83 graduate students and 10 PhD students

Faculty: 81 teachers, including 8 professors, 15 associate professors, 30 lecturers

Degrees Offered
Bachelor’s Degree Specialty: Remote Sensing Science and Technology; Geographic Information System; Resources-Environment and Management of City-Village Planning; Engineering of Surveying and Mapping
Master’s Degree Specialty: 3S Integration and Meteorological Application; Physical Geography
Doctor’s Degree Specialty: 3S Integration and Meteorological...
### Information & Control

- **Students in Registration:** 1294 undergraduate students, 160 graduate students
- **Faculty:** 10 professors, 12 associate professors, 32 lecturers

In recent years, the faculty has published 20 kinds of books and 500 pieces of papers, 100 of which were indexed by SCI/EI/ISTP.

- **Degrees Offered**
  - **Bachelor’s Degree Specialty:** Automation; Instrument Science and Technology; Electric Engineering and Automation; Information System Engineering
  - **Master’s Degree Specialty:** System Science (Electric Automation); System Analysis and Integration; System Theory
  - **Doctor’s Degree Specialty:** Technology and Security of Meteorology Information
Students in Registration: 1547 undergraduate students, 64 graduate students

Faculty
7 professors, 10 associate professors, 43 lecturers

Degrees Offered
Bachelor’s Degree Specialty: Communication Engineering; Information Engineering; Electronic Science and Technology; Electronic Information Engineering

Master’s Degree Specialty: Signal and Information Processing; System Analysis and Integration; Meteorological Information Technology and Security

Short-term Training Program
Computer Network Technology; Embedded System Development
### College of Environmental Science & Engineering

- **Students in Registration:** 693 undergraduate students, 87 graduate students
- **Faculty:** 10 professors, 16 associate professors, 30 lecturers
- **Degrees Offered**
  - **Bachelor's Degree Specialty:** Environmental Science; Ecology; Applied Chemistry; Environmental Engineering; Atmospheric Science (Atmospheric Environment Oriented); Water Supply and Drainage
  - **Master's Degree Specialty:** Environmental Science; Ecology

**Research and Development**
- Atmospheric Environment; the Control and Treatment of Atmospheric Pollution; Environmental Remote Sensing; Environment-friendly Production.
### Degrees Offered

**Bachelor’s Degree Specialty:**
- Computer Science and Technology
- Software Engineering
- Network Engineering

**Master’s Degree Specialty:**
- Meteorological Information Technology

**Doctor’s Degree Specialty:**
- Meteorological Information Technology

### Research and Development

1. Image processing and pattern identification
2. The theories and
Students in Registration: 1041 undergraduate students, 78 graduate students
Faculty:
29 professors;
22 associate professors;
42 lecturers;
87% of the teachers have Master's & PhD Degree;
3 experts enjoy State Council special allowance;
8 supervisors of PhD student;
32 supervisors of Master students.

Degrees Offered:
Bachelor’s Degree Specialty:
Information and Calculating Science; Statistics; Mathematics and Applied Mathematics; Physics; Applied Physics; Material Physics; Optical Information Science and Technology
Public Administration

- Students in Registration: 572 undergraduates (started to recruit graduate students from 2007)
- Faculty
  - 11 professors
  - 15 associate professors
  - 37 lecturers (19 of whom have PhD degrees)
- Degrees Offered
  - Bachelor’s Degree Specialty: Administration Management; Law and Public Administration
  - Master’s Degree Specialty: Basic Theory of Marxism; Moral Education
- Research and Development
  - Marxist Philosophy; Marxist Theorv: Politics Theorv: The
Students in Registration: 1951 undergraduate students
Faculty: 82 teachers, including 22 associate professors and professors

Degrees Offered:

Research and Development:
Management Science and Engineering; Business Administration; Applied Economics, Management in Chinese Manufacturing Industry:
Students in Registration: 840 undergraduate students
Faculty: 154 teachers, 80% of them (126 teachers) hold a master’s or a PhD degree
Bachelor’s Degree Specialty
- English Language and Literature;
- Japanese Language and Literature;
- Chinese Literature; Chinese Language for Overseas Students
Academic Research
- Linguistics and Applied Linguistics;
- Translation Theory and Practice;
- Chinese Literature and Culture;
- Chinese Philology; Comparative Literature and World Literature; British and American Literature and Culture;
- Japanese Literature and Culture
Career Prospects
The specialties of our school are very practical. The graduates have
Colleges & Schools

Atmospheric Science
Applied Meteorology
Remote Sensing
Information & Control
Electronic & Information Engineering
Environmental Science & Engineering
Computer & Software
Mathematics & Physics
Public Administration
Economics & Management
Languages & Culture

Binjiang College

Media and Arts
Atmospheric Physics
Faculty: professors and associate professors
Degree Offered
Bachelor’s Degree Specialty: Animation (Animation Art, Animation Technology)
Research and Development
Meteorological Animation, Film and Television Animation, Architecture Animation, Cartoon Illustration.
Institutes and Labs
Laboratory: 2-D&3-D Animation Studio, Artistic Interaction Laboratory, Multi-Media Studio, Digital Synthesis Computer Lab, Film and TV Studio.
Research Institute: Animation Institute
Career Outcomes
The graduates have promising employment opportunities in the following areas: the creation and production of film & TV animation and special effects, Ads creation and animation special effects production. They can work for animation production company, game creation Company, film & TV Company, animation department of TV stations, multi-media company, etc. Huafeng film & TV Group Company has signed a contract with our school.
<table>
<thead>
<tr>
<th>Degrees Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor’s Degree Specialty: Atmospheric Physics (with 3 specialty directions: Atmospheric Physics and Atmospheric Environment, Weather Modification, Atmospheric Sounding), Lightning Protection Science and Technology.</td>
</tr>
<tr>
<td>Master’s Degree Specialty: Atmospheric Physics and Atmospheric Environment, Atmospheric Remote Sensing and Technology, Lightning Science and Technology.</td>
</tr>
<tr>
<td>Atmospheric Physics and Atmospheric Environment is key discipline of Jiangsu Province and national key construction discipline.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research and Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Process of Precipitation, Theories and Methods of Weather Modification, Atmospheric Composition and Climate</td>
</tr>
</tbody>
</table>
Facilities

Labs

Jiangsu Province Weather Calamity Key Laboratory
Experimental Chemistry Center
Experiment Center for Principle of Microcomputer and Interface
Nanjing Sino-America Remote Sensing Center
Weather Observatory
The Experimental Center of Information Safety
The Experimental Center of Geographical Spatial Information System
Calculating Center
Laboratory of Fluid Dynamic
Laboratory of Information Analysis and Monitored Teaching
Laboratory of Applied Meteorology
## Facilities

### Library

- **Volumes in Chinese:** 1,225,000 copies
- **Volumes in Foreign Languages:** 600,000 copies
- **Periodicals in Chinese:** 1591 kinds
- **Periodicals in Foreign Languages:** 201 kinds
Research Institutes

Key Lab of Meteorological Disasters of Jiangsu Province

Nanjing Sino-American Remote Sensing Center
International Cooperation

RTC

Cooperative Education
RTC Nanjing China

WMO Regional Training Center (RTC)
The center has so far held 33 international and 11 bilateral training courses and trained more than 800 meteorological professionals and administrators from over 100 countries and regions in Asia-pacific region, Africa, East Europe, the Middle East and Latin America.
RTC Nanjing China

The Establishment and its aim

Objectives

Structure

Administrative Office

Teaching Division

Funding Resource

Infrastructure and facilities

Appointment of Instructors

Compiling Textbooks

Activities

Planning

Cooperative Education

♣ Established in 1993 at Nanjing University of Information Science & Technology (former Nanjing Institute of Meteorology) approved by WMO;

♣ WMO RTC Nanjing China Beijing Component was founded in 2003;

♣ The aim: to train the meteorologists for the countries of WMO RA II and RA V to keep abreast of the latest development of atmospheric science and technology in the world.
To offer training courses for both foreign and Chinese meteorologists to upgrade their knowledge and technical skills in their routine operation and research work;

To enhance academic exchanges and cooperation between meteorologists from China and other parts of the world;

To make contributions to the world meteorological undertaking.
Director of the Center: Professor Li Lianshui, president of Nanjing University of Information Science & Technology (NUIST)

Deputy Director of the Center: Professor Zhi Xiefei

Teaching Division:

more than 20 instructors in the areas of:

- Weather Forecasting;
- Monsoon Meteorology;
- Climate Changes
- Satellite Meteorology;
- Use and Maintenance of Meteorological Instruments;
- Weather Modification
- Typhoon and Tropical Cyclones

- Long-range Forecasting;
- Numerical Weather Prediction;
- Radar Meteorology;
- Applied Meteorology;
- Agrometeorology
- Aviation Meteorology

Some instructors were invited from NUIST and some other parts of China and foreign countries as well, depending on the needs.
RTC Nanjing China

The Establishment and its aim

Objectives

Structure

Administrative Office

Teaching Division

Funding Resource

Infrastructure and facilities

Appointment of Instructors

Compiling Textbooks

Activities

Planning

Cooperative Education

֊ Director of the Center’s Office, in charge of the center’s routine operation;

֊ Four secretaries.

The major tasks of the Office are:

֊ To work out plans of international training courses;

֊ To write general regulation of trainees’ recruitment;

֊ To make schedule for every single course;

֊ To execute each training course;

֊ To take care of trainees’ life during the course;

֊ To create CDs or DVDs and some other teaching materials;

֊ To appoint and evaluate instructors.
The major task of the Teaching Division is:

♣ Compiling Textbooks/Teaching Materials;
♣ Giving lectures to trainees;
♣ Responsible for trainees’ practices and exams.
RTC Nanjing China

The Establishment and its aim

Objectives

Structure

Administrative Office

Teaching Division

Funding Resource

Infrastructure and facilities

Appointment of Instructors

Compiling Textbooks

Activities

Planning

The Government of the P. R. China

WMO

CMA

NUIST
# The WMO RTC Guest House:

Electric appliances, furniture, satellite TV program and bedding, computer room, billiard room, conference room, movie room;

# Teaching Building:

1. Classrooms: multi-mediated teaching system;

2. Labs (weather forecasting lab, Internet lab, remote sensing lab and agrometeorological experimentation lab): equipped with computers, polar-orbiting and geo-stationary satellite-image receiving and processing systems, climate chamber and EOS-MODIS system;

3. Reading room: WMO publications, newspapers, magazines, teaching materials
All instructors invited should meet the following requirements:

♣ very rich professional knowledge related to the subjects;

♣ good teaching experience;

♣ good command of English;

♣ high sense of responsibility

Some instructors were invited from other parts of China, or from foreign countries.
To keep the teaching materials or CD/DVDs at advanced level, the contents of the materials and CD/DVDs are often updated in accordance with the latest development of the subject at home and abroad.
RTC Nanjing China

A. Running Courses

B. Improve Training Quality
   1. Reinforcing training and enhancing training quality
   2. Designing the training course focusing on how to increase the training quality

C. Conducting Exchanges

D. Foreign Students

E. Visits and Inscriptions by WMO Senior Officials
RTC Nanjing China

- Extend the duration of each course;
- Get more funding for training courses;
- Invite more instructors from other countries;
- Improve facilities: such as teaching equipment and dinning hall.

The WMO RTC Nanjing will continue to train meteorologists and meteorological officials for developing countries under the guidance and support of both WMO and CMA.

We sincerely hope to strengthen the academic exchanges and cooperation on training meteorological personnel between RTC Nanjing and RTCs in other countries in a bid to make more contributions to the development of meteorological undertakings in the world.
Cooperative Education

Nanjing University of Information Science & Technology

RTC Nanjing China

Cooperative Education

Cooperative Agreements Signed

Partners

Main Cooperative Patterns

Activities

NUIST Students Aboard
Cooperative Education

Partners

Main Cooperative Patterns

Activities

NUIST Students Aboard

♦ Yale University of America
♦ University of Maryland of America
♦ George Mason University of America
♦ University of Hamburg of German
♦ University of Vermont of America
♦ Queensland University of Technology of Australia
♦ Waterford Institute Technology of Ireland
♦ De Montfort University of UK
♦ Aberystwth University of UK
♦ Reading University of UK
♦ University of Detroit Mercy
♦ Chosun University of Korea
Cooperative Education

♣ Dual-Degree Program (1+2+1 4+0 2+2)
♣ Joint-Degree Course (1+3 3.5+1.5 0.5+4)
♠ Exchange of Faculty Members
♠ Exchange of Students
♠ Joint Research Projects
♠ Co-supervisors Programs for Masters
♠ Training Courses (RTC Nanjing China)
♥ Cultural Programs (summer camps)
♥ Summer School
Cooperative Education

- Cooperative Agreements Signed
- Partners
- Main Cooperative Patterns
- Activities
- NUIST Students Aboard

RTC Nanjing China
Cooperative Education

- Cooperative Agreements Signed
- Partners
- Main Cooperative Patterns
- Activities
- NUIST Students Aboard
Applying to NUIST

1. Undergraduates
   Academic records in high school and graduate certificates are required for the application.

2. Master's degree candidates
   Applicants for master's degrees shall have been awarded a bachelor's degree. Academic records in college, graduate certificate, bachelor's degree certificate and recommendation letter from three professors are required for the application.

3. Doctoral degree candidates
   Applicants for doctoral degrees shall have been awarded a master's degree. Academic records for master's degree, graduate certificate, master's degree certificate and recommendation letter from three professors are required for the application.

4. Chinese Study
Programs

1. Bachelor Degrees
   - Mathematics and Applied Mathematics
   - Information and Computation Science
   - Physics
   - Applied Physics
   - Applied Chemistry
   - Geography
   - Geographical Information System
   - Atmospheric Science
   - Applied Meteorology
   - Marine Science
   - Material Physics
   - Environmental Science
   - Ecology
   - Statistics
   - Measurement Technology & Instrument
   - Automatization
### Tuition

<table>
<thead>
<tr>
<th>Candidates’ status</th>
<th>Fee (RMB)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition Fee</strong></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>12800 per year</td>
</tr>
<tr>
<td>Master’s candidate</td>
<td>16000 per year</td>
</tr>
<tr>
<td>Doctoral candidate</td>
<td>20000 per year</td>
</tr>
<tr>
<td>Short-term candidate</td>
<td>1600 per month</td>
</tr>
<tr>
<td><strong>Application fee</strong></td>
<td></td>
</tr>
<tr>
<td>Less than one year</td>
<td>400 per person</td>
</tr>
<tr>
<td>More than one year</td>
<td>640 per person</td>
</tr>
<tr>
<td><strong>Insurance</strong></td>
<td>600 per year per person</td>
</tr>
</tbody>
</table>
International students can apply for Chinese Government Scholarship from CSC (China Scholarship Council).

NUIST is one of ten universities in Jiangsu Province which are qualified to enroll students with Chinese Government Scholarship.

Chinese Government Scholarship falls into two categories: full scholarship and partial scholarship.

**Details of the Scholarship**

1. **Full scholarship:**
   - Exempt from registration fee, tuition fee, fee for laboratory experiment, fee for internship, fee for basic learning materials and accommodation on campus;
   - Living allowance;
   - One-off settlement subsidy after registration;
   - Fee for outpatient medical service, Comprehensive Medical Insurance and Benefit Plan for International Students in China;
   - One-off inter-city travel subsidy.

2. **Partial scholarship**
Study at NUIST

Accommodation (RMB Yuan)

<table>
<thead>
<tr>
<th></th>
<th>Yuan/month</th>
<th>Equipments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apartment</td>
<td>1600</td>
<td>Two bedrooms, air conditioner, private bathroom, internet, furniture</td>
</tr>
<tr>
<td>Single</td>
<td>800</td>
<td>air conditioner, cable TV, phone, private bathroom, furniture</td>
</tr>
<tr>
<td>Double</td>
<td>400</td>
<td>private bathroom, furniture and public washer</td>
</tr>
<tr>
<td>Quadruple</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

NUIST provides school scholarship for outstanding international students:

- 5000RMB/year for PH.D candidate
- 4000RMB/year for Master's candidate
- 3000RMB/year for Undergraduate
Nanjing is the capital city of Jiangsu with a population about 7.0 million. Owing to its superior geographic location, the city has remained the transportation center of the Yangzi Delta region. Once prospering on its shipyards, Nanjing has now grown into a commercial hub and cultural center of southeast China.

For almost 2,000 years, Nanjing ("China's Southern Capital") has witnessed some of the most significant events in Chinese history, including its position as nationa's capital during the Six Dynasties (220-589 AD) and the Southern Song Dynasty (1127-1279 AD), the onset of Ming Dynasty in 1368 by Zhu
Location & Campus

Nanjing

Campus

School Culture
Contact Us

College of International Education
Nanjing University of Information Science & Technology
No.219 Ningliu Road, Nanjing, Jiangsu Province, 210044
People’s Republic of China
Tel: +86-25-58731456
Fax: +86-25-58699848
E-mail: oie@nuist.edu.cn
Website: www.nuist.edu.cn  www.globenuist.cn
Thank you!