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Academic Education Programs Sponsored by the Ministry of Commerce of the PRC

Nanjing University of Information Science & Technology

2026 Master Program of Artificial Intelligence Enrollment Information

Contents

2026

Nanjing University of Information Science & Technology

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2026 Master Program of Artificial Intelligence

I.Program Description

1. General Information

(1) Program Introduction

The degree education programs sponsored by Ministry of Commerce People's Republic of China was established in 2008, designed to foster high-end business officials and managerial personnel for the recipient countries, offering one-year and two-year master programs as well as three-year doctoral programs for the purpose of educating high-end and inter-disciplinary talent working in the applied fields of government, trade, foreign affairs, agriculture, technology, education, culture, health, energy, transportation and public administration, building intellectual capacity and facilitating the economic and social development of the recipient countries. These programs provide assistance to governmental officials, research fellows, and senior managerial personnel on their master and doctor education in China, which are fully conducted in English. Admission requirements include a bachelor's degree, relevant working experiences, and decent physical conditions, essential for the high-compact curriculum needed for the degrees.

The programs undertake an increasingly significant role in the economic development cooperation between China and the home countries of students, and are thought highly of by the governments of these countries.

Nanjing University of Information Science & Technology (NUIST) has established a comprehensive and multidisciplinary education system centered on atmospheric science and characterized by the integration of "meteorology + information technology". Its Artificial Intelligence program is among the first batch of 35 undergraduate AI programs approved by the Ministry of Education in 2019, and the discipline of Artificial Intelligence is a key provincial discipline in Jiangsu during the "14th Five-Year Plan" period. As one of the host institutions for this program, the university fully leverages its advantageous disciplinary resources to offer a Master's program in Artificial Intelligence taught entirely in English. Research directions include: meteorological data processing, biomedical engineering, multimodal medical data analysis, algorithm optimization, image processing, deep learning, computer vision, and autonomous perception for intelligent robots.

With the rapid evolution and deep penetration of artificial intelligence technology,

promoting the deep integration of AI with social development to achieve technological inclusivity and sustainable development has become a crucial strategic choice for countries aiming to secure a competitive edge in future technology and industry. However, many developing countries still face shortcomings in AI technology research and development, as well as in the cultivation of high-level talent. Their technological innovation capabilities and the effectiveness of technology application struggle to adequately meet the urgent demands of developing the digital economy, advancing intelligent social governance, and addressing global challenges. Through this program, the university is committed to cultivating versatile, high-level AI professionals equipped with international perspectives, innovative thinking, and systematic research capabilities. It aims to enable students to deeply grasp cutting-edge AI theories, core technologies, and development trends; to develop a solid understanding of professional knowledge and practical methods in key areas such as machine learning, natural language processing, intelligent healthcare, and intelligent meteorology; and to foster rigorous scientific research thinking and engineering skills. Ultimately, this program seeks to provide robust talent support for promoting independent AI innovation and deep industry applications in the students' home countries.

(2) Prospective Students

Our prospective students are mid-to-senior level officials or managers from the government, universities, research institutions, NGOs and other public sectors, who have academic background required by NUIST and a good mastery of English language.

(3) Program Objective

Cultivate high-end, compound and applicative talents in the field of Artificial Intelligence.

(4) Enrollment Plan

Major	Enrollment Plan	Teaching Language	Program Duration
Master Program of Artificial Intelligence	20	English	Two-year

(5) Financial Aid

(a) A waiver of tuition, fees of basic teaching materials, fees of field study and survey, allowance of English-taught courses and fees of thesis instruction.

(b) Free on-campus accommodation.

(c) Living allowance: 36,000 CNY/year per person for the master program and 42,000 CNY/year per person for PhD program. The amount will be distributed monthly by the university to the students according to the actual length of their stay in China.

(d) One-time settlement allowance: 3,000 CNY/person.

(e) Comprehensive medical insurance.

(f) The round-trip international air ticket is offered. For students of two-year programs, it offers a round-trip air ticket upon registration and graduation as well as one time round-trip air ticket for a home visit.

(g) All degree students shall attend the Annual Review and can continue to enjoy the full scholarship if they pass the assessment of performance.

(h) The rest expenses should be managed by the Chinese Ministry of Commerce or the undertaking university rather than granting to students. The Chinese Ministry of Commerce only sponsors students during the designated academic years, and will not continue to offer sponsorship if students extend their studies.

2. University Information

(1) Introduction to NUIST

The main campus of Nanjing University of Information Science & Technology is located in Nanjing, the capital city of Jiangsu Province. As one of the four famous ancient capitals in China, Nanjing is reputed as the “capital of six dynasties” and “metropolis of ten dynasties” with a long history and profound culture. It is also one of the vital birthplaces of Chinese civilization. Nanjing is a vital comprehensive transportation and communication hub as well as an important comprehensive industrial base in China. It has developed into an industrial pattern featuring harmonious development of advanced manufacturing industry and modern service industry with electronic information, petrochemical industry, automobile manufacture and steel industry as its pillar, supported by rising economy such as software and service outsourcing, smart grid, wind and photovoltaic energy and rail transit, etc. Nanjing has won the titles of “UN-Habitat Scroll of Honour Award”, “International City of Peace” and “QS Best Student Cities Top 3 in China”. It is a modern city with vitality, charms and full potentials.

Nanjing University of Information Science & Technology (NUIST), on the list of China’s national “Double First-rate” universities and disciplines, one of the provincial high-level universities in Jiangsu Province, was founded in 1960 and renamed from Nanjing Institute of Meteorology in 2004. NUIST is a national-level

key university co-constructed by the Jiangsu Provincial People's Government, the China Meteorological Administration (CMA), the Ministry of Education of the People's Republic of China and the State Oceanic Administration (SOA). Currently, NUIST has 39,700 students, including 29,500 undergraduates, 8,400 postgraduates and 1,800 international degree students and 450 exchange students.

NUIST is featured distinctively with its disciplines. In 2017, the discipline of Atmospheric Science became a national "Double First-class" construction discipline, and won the "A+" grade in the fourth round of university discipline evaluation conducted by the Ministry of Education. Meteorology is a national key discipline, and the ten disciplines of Geoscience, Engineering, Computer Science, Environmental Science & Ecology, Chemistry, Agricultural Science, Materials Science, Mathematics, Plant & Animal Science and Social Science, General have entered top 1% ESI rankings, among which Geoscience, Computer Science, Environmental Science & Ecology and Engineering have entered top 1‰. NUIST has eleven first-class discipline doctoral degree authorization points, including Atmospheric Science, Environmental Science and Engineering, Information and Communication Engineering, Management Science and Engineering, Mathematics, History of Science and Technology, Computer Science and Technology, Remote Sensing Science and Technology, Optoelectronic Information Engineering, Cyberspace Security and Ecology. It has 28 first-class discipline master's degree authorization points and 26 master's professional degree authorization points. It has six post-doctoral research centers of Atmospheric Science, Environmental Science and Engineering, Mathematics, Management Science and Engineering, Computer Science and Technology and Information and Communication Engineering. Its 80 undergraduate programs are distributed in ten disciplines namely science, engineering, literature, management, economics, law, agriculture, art, education and Interdisciplinary.

NUIST has high-level teaching staff with more than 2,400 full-time teachers. 85% of them have doctor's degrees and over 67% have experiences of studying or working abroad for more than one year. It has two academicians from the Chinese Academy of Sciences and 26 foreign academicians 2 IAA academicians as well as 55 teaching and research teams of provincial and ministerial level.

NUIST adheres to the integration of science and education and has abundant resources of teaching and research. It has a national Experimental Teaching Demonstration Center of Atmospheric Sciences and Environmental Meteorology and a national Virtual Simulation Experimental Teaching Center of Atmospheric Science and Meteorological Information. It has more than 40 provincial and ministerial scientific research institutions including the first batch of international joint laboratory approved by MOE, i.e. the International Joint Laboratory on Climate and Environmental Change, the Key Laboratory of Meteorological Disasters of MOE, the Key Laboratory of Atmospheric Physics and Atmospheric Environment Meteorological Disaster of the

CMA, etc. It has the Collaborative Innovation Center on Forecast and Evaluation of Meteorological Disasters and the Collaborative Innovation Center on Atmospheric Environment and Equipment Technology. The library holds a collection of over 2.69 million print volumes, with systematic and complete collections of core journals in disciplines such as atmospheric science, environmental science and engineering, information science and technology, and computer science. Over the past decade, it has introduced and independently built nearly 60 types of large-scale Chinese and foreign language online databases, possessing 1.99 million electronic books and over 2.27 million electronic journals.

Over time the core values of NUIST have been defined by the traditions of "austerity, diligence, truth-seeking and self-motivation" and the motto of "promotion of virtue, investigation of nature, cultivation of self and construction of society". Its education is oriented to cultivate "elite, international and skilled" talents. Many alumni have become well-known scientists, scholars and senior management staff home and abroad. Among them, there are academicians of the Chinese Academy of Sciences, the Chinese Academy of Engineering, the Canadian Royal Academy of Sciences, high-ranking leaders in the government and senior officers of WMO, etc.

NUIST attaches great importance to scientific and technological innovation. Since the 13th Five-Year Plan, NUIST has been actively taking part in over 1,000 projects of National Natural Science Foundation, 258 projects of National Key Research and Development, 148 projects of National Social Science Foundation and 608 projects of provincial and ministerial levels. Besides, NUIST has more than 6,908 authorized patents and 2,545 software copyrights. Hundreds of scientific and technological rewards both on national and provincial levels have been awarded to the university teachers, including the Special Award of National Award for Science and Technology Progress, as well as international rewards like Carl-Gustaf Rossby Research Medal, Global Environmental Change Mid-Career Award and Holton Junior Scientist Award of American Geophysical Union, etc. A number of research papers were published in the top ranked journals like Nature, Science, etc.

NUIST has established cooperative relationship with over 140 famous overseas universities including Harvard University and Yale University in US, the University of Reading and the University of Manchester in UK, Macquarie University and Monash University in Australia, Japan Agency for Marine-Earth Science and Technology, Russian State Hydrometeorological University, Delft University of Technology in Holland, etc. The Reading Academy, co-established by NUIST and the University of Reading, is one of the first group of "UK-Jiangsu 20+20 World-Class University Initiative". College of International Students, NUIST, can enroll international students with Chinese Government Scholarship, International Chinese Language Teachers Scholarship, Jiangsu Government Scholarship and

Nanjing Government Scholarship. NUIST set up the Confucius Institute at the University of the Bahamas. To date, the WMO Regional Training Centre Nanjing and ESCAP/ Typhoon Committee Training Center at NUIST has trained over 6,000 senior meteorological scientific and technical personnel and administrative staff for 160 countries and regions. It has become the world's largest top quality regional training center and been highly rated by WMO.

(2) Introduction to School of Artificial Intelligence

The School of Artificial Intelligence of NUIST was established in June 2019. It was formed by integrating and optimizing the Information Engineering program from the School of Electronic and Information Engineering and adding the new undergraduate program in Artificial Intelligence. It is one of the characteristic schools prioritized for development by the university. The school's history can be traced back to the Information Engineering program established in 1997 by the Department of Computer and Information Engineering at the former Nanjing Institute of Meteorology. In June 2021, the School of Future Technology (a second-level teaching unit) was established and co-located with the School of Artificial Intelligence.

The school boasts a strong faculty, with over 70 full-time teachers, including 11 with senior professional titles (professor-level) and 21 with associate senior professional titles. Ninety-five percent hold doctoral degrees, with the majority having graduated from top-tier universities in China, the United States, the United Kingdom, and other countries, conducting cutting-edge research with a strong international perspective. The faculty includes 1 expert under the National Major Talent Project (Category A), 2 recipients of the National Science Fund for Distinguished Young Scholars, 2 recipients of the Ministry of Education Talent Support Program, 1 Chair Professor under the Ministry of Education, 2 recipients of the National Overseas High-level Talent Program, 3 IEEE Fellows, 1 Chief Scientist for a National Key R&D Program project; 1 recipient of the Second Prize of the National Science and Technology Progress Award, 1 recipient of the Second Prize of the National Natural Science Award; 7 Highly Cited Researchers; and over 20 provincial and ministerial-level talents, including Distinguished Professors of Jiangsu Province and Zhejiang Province, and training recipients of Jiangsu Province's "333 Project".

Currently, the School of Artificial Intelligence (School of Future Technology) (hereinafter referred to as "the School") has over 940 undergraduate students and 134 full-time graduate students. The School offers three undergraduate programs: Artificial Intelligence, Information Engineering, and Medical Information Engineering. It has the authority to confer doctoral and master's degrees for the secondary discipline "Artificial Intelligence" and professional master's degrees in

"Electronic Information" (AI direction), forming a complete talent cultivation system covering bachelor's, master's, and doctoral levels. Among these, the Artificial Intelligence program is one of the first batch of 35 undergraduate AI programs approved by the Ministry of Education in 2019; the Artificial Intelligence discipline is a key provincial discipline in Jiangsu during the "14th Five-Year Plan" period; and the Information Engineering program is a Jiangsu Provincial First-Class Undergraduate Program. The Artificial Intelligence Industry Institute is among the first batch of 50 National Modern Industry Institutes approved by the Ministry of Education, and was approved as one of the first key construction industry institutes in Jiangsu Province in June 2020. Targeting new frontiers in the digital economy, the School has identified three distinctive disciplinary development directions: Intelligent Meteorology, Intelligent Healthcare and Big Data, and Metaverse and Intelligent Education. Accordingly, it has established three dedicated research teams and institutes: the Institute of Intelligent Meteorology, the Institute of Intelligent Healthcare, and the Institute of Metaverse. Among these, the Institute of Intelligent Healthcare is a disciplinary platform co-established by the university and Zhongda Hospital, characterized by a strong emphasis on medical-engineering integration.

The School firmly upholds the central role of education and teaching, prioritizing the cultivation of undergraduate and graduate students as its most fundamental task, aiming to lay the knowledge and capability foundation for cultivating first-class engineers, scientists, and entrepreneurs in the field of artificial intelligence. The quality of student cultivation is highly praised by employers. Students trained by the School closely align with the needs of socio-economic development and industry technological innovation, demonstrating high comprehensive quality, strong innovation ability, and a keen sense of service, making them highly welcomed by society, industries, and enterprises. The School began enrolling international students in 2020. As of February 2026, the School has cumulatively trained over 400 international students majoring in Artificial Intelligence. Currently, there are 224 international students studying at the School of Artificial Intelligence, including 160 undergraduates, 41 master's students, and 23 doctoral students.

(3) Living Conditions on Campus

(a) Climate of Nanjing

Nanjing has four distinct seasons with plenty of rainfalls. Its mean annual temperature is 15.4°C, and its mean annual precipitation is 1106 ml. The spring and autumn of Nanjing is short, while its winter and summer is long with a significant difference in temperature. The lowest temperature in winter is below 0 °C, and people wear down coats or thick cotton-padded jackets. The summer is very hot with a high temperature above 35 °C, and people wear summer clothing.

(b) Accommodation

Students live in the single-room dormitory on campus. There is an independent washroom, water heater, air conditioner and furniture inside the room. Students can choose to pay and get house heating service. There are public kitchens and a laundry as well inside the dormitory building. The dormitory offers free campus internet for international students. Students can also choose to pay for internet service provided by China Mobile or China Unicom. University wireless internet service is available in students' dorms. The Dorm Chief, administrators and cleaning workers are in charge of dorm management and service. The dormitory building is equipped with an entry system of face recognition technology to enhance the safety.

（c）Dining

Six large canteens are located on campus, offering a diversity of food and dishes with a reasonable price. There is also a Muslim restaurant on the mid-campus. Supermarkets, cake and milk tea shops are located in the living areas of the campus. Students can buy fresh food materials in the nearby market.

(d) Sports Facilities

The university has 3 standard track and field stadiums and 58 outdoor sports complex, including basketball courts, volleyball courts and tennis courts. It has 2 gymnasiums with indoor basketball arena, volleyball arena, badminton arena, table tennis arena, competition hall, physical training hall, martial art hall, squash hall, fitness and exercising center, etc. It has one natatorium. The sports facilities can meet the needs of daily physical education classes, training for sports teams and students' extracurricular activities.

(e) Library

There are 11 large-size book lending rooms, 11 medium-size book lending rooms, 2 intensive stacks, 3 e-reading rooms, a multimedia reading room and a training room for readers inside the university library. Its 370 computers allow students to conduct digital resources query, reading, download and internet surfing and also realize the functions of internship, exams and training. Besides, it has a video hall with 150 seats as well as a modern smart academic lecture hall. The modernized library is full of rich culture atmosphere.

The documentation collections of the library cover various fields, featuring the atmospheric science. It has a comprehensive collection system with rational construction to the needs of specialty setting, boasting of multiple disciplines, multilingual languages and multi-carriers. The library is open from 8 a.m. to 10 p.m. every day. In winter and summer holidays, it is open from Monday to Friday. The

service of electronic resources is available 24 hours each day. As a member of Jiangsu universities who share literature recourses, the library offers the service of interlibrary loan with the majority of university libraries in Jiangsu Province.

(f) Places for Individual Study

All the classrooms of teaching buildings are open for students to study if it is not class hours. Book lending rooms and study rooms in the library are available too. International students' computer room, data room and 15 classrooms are located in the south building of Reading Academy, only open for international students. During winter and summer holidays, international students who stay on campus can use these classrooms for study.

(g) Other Services

School clinic, student counseling center, internet center, e-card center, students' activity center, theater, supermarkets, express centers, variety store, China Telecom and China Mobile agencies, ATM service zones and other life facilities are fully equipped inside the campus and can meet all students' needs. The metro station "Nanjing University of Information Science &Technology "in metro line S8 is in front of the main gate and provides an easy access to all the students.

3. Teaching Arrangements

(1) Course Arrangements

(a) Curriculum

A credit system has been implemented, which consists of both degree and non-degree courses. Degree courses must be no less than sixteen (19) credits, and the total number of credits must equal twenty-eight (28) or more. Curriculum is as follows:

Type	Course	Class Hours	Credits	Opening Semester	Teaching Method	Form of Evaluation	Note
A	Orientation	16	1	1	In-Person Instruction	Exam	7 credits
	China Overview Ⅰ	32	1	1	In-Person Instruction	Exam	
	China Overview Ⅱ	32	1	2	In-Person Instruction	Exam	
	Comprehensive Chinese Ⅰ	96	1	1	In-Person Instruction	Exam	
	Comprehensive Chinese Ⅱ	96	1	2	In-Person Instruction	Exam	

	HSK Level 3 Tutorial Ⅰ	32	1	3	In-Person Instruction	Exam	
	HSK Level 3 Tutorial Ⅱ	32	1	4	In-Person Instruction	Exam	
	Chinese Culture and Meteorology	32	1	1	In-Person Instruction	Evaluation	Electives of Chinese Culture at Least 1 credit
	Chinese Culture and Communication	32	1	1	In-Person Instruction	Exam	
	Cross-cultural Communication	32	1	2	In-Person Instruction	Exam	
B	Neural Networks	48	3	1	In-Person Instruction	Exam	12 credits
	Machine Learning	48	3	1	In-Person Instruction	Exam	
	Computer Vision and Pattern Recognition	48	3	2	In-Person Instruction	Exam	
	Optimization Theory	48	3	1	In-Person Instruction	Exam	
C	Literature Reading and Essay Writing	16	1	1	In-Person Instruction	Evaluation	2 credit
	Frontiers of Disciplines	16	1	2	In-Person Instruction	Evaluation	
D	Graduate Innovation and Entrepreneurship Course	16	1	1	In-Person Instruction	Evaluation	No less Than 5 credits
	Modern Signal Processing	32	2	1	In-Person Instruction	Evaluation	
	Deep Learning	32	2	2	In-Person Instruction	Evaluation	
	Natural Language Processing	32	2	2	In-Person Instruction	Evaluation	
	Data Science and Engineering	32	2	2	In-Person Instruction	Evaluation	
	Numerical Computation	32	2	2	In-Person Instruction	Evaluation	
	Computational Intelligence	32	2	2	In-Person Instruction	Evaluation	
	Intelligent Meteorology	32	2	2	In-Person Instruction	Evaluation	
E	Academic Seminars	32	2	4	Others	Others	2 credits

Note：A) Public Courses; B) Major Compulsory Course; C) Limited-Elective Course; D)Major Elective Course; E) Practice

(b) Course Introduction

Neural Networks: This course serves as the foundation for deep learning, systematically introducing the fundamental principles and models of artificial neural networks. Starting from the single perceptron model, the course delves into the network architecture of Multilayer Perceptrons (MLP), the core backpropagation algorithm, and the roles of various activation functions and loss functions. Students will master the learning mechanisms of neural networks, including optimization methods like gradient descent, regularization techniques, and strategies to avoid overfitting, laying a solid theoretical and practical foundation for subsequent advanced deep learning models.

Machine Learning: This course provides a broad perspective and core methodologies of machine learning, covering major learning paradigms such as supervised and unsupervised learning. It systematically explains classical algorithms including regression, classification (e.g., Support Vector Machines, Decision Trees, Random Forests), and clustering (e.g., K-means). The focus is on cultivating students' ability to select, apply, and evaluate machine learning algorithms for real-world problems, understand core concepts like model complexity and the bias-variance trade-off, and master the complete pipeline from data preprocessing to model performance evaluation.

Computer Vision and Pattern Recognition: This course focuses on enabling computers to understand and analyze visual information, covering two of the most central disciplines in contemporary AI. In the Computer Vision segment, students will learn key techniques such as image processing fundamentals, feature extraction, object detection and recognition, and image segmentation, exploring the evolution and application of Convolutional Neural Networks (CNNs) in visual tasks. In the Pattern Recognition segment, the course delves into using statistical learning methods to classify and identify data (like images and signals), constructing a complete cognitive chain from data to decision.

Optimization Theory: This course is key to understanding the mathematical principles behind many machine learning algorithms. It systematically teaches the theory and algorithms of continuous optimization, covering convex analysis, duality, gradient methods (including mirror descent and accelerated methods), and second-order algorithms (like Newton's method). The emphasis is on cultivating students' ability to identify the structure of different optimization problems, design or select efficient algorithms for large-scale machine learning problems, and analyze their convergence rates and complexity.

Modern Signal Processing: This course aims to transcend traditional mathematical derivations by deeply integrating signal processing theory with engineering practice. Centered on complex digital signal processing, it covers cutting-edge methods such

as time-frequency analysis, higher-order spectral analysis, and multi-resolution analysis. Its distinctive feature is the use of real-world scientific cases (e.g., radar signal detection, electronic measurement instrument design) to explain abstract mathematical concepts, guiding students to understand the physical meaning of signals and their practical applications in electronic systems, fostering "algorithmic thinking" and a "system perspective" in fields like communications and instrumentation science.

Deep Learning: As an advanced sequel to the Neural Networks course, this course focuses on modern deep learning architectures and applications. It not only covers the application of Convolutional Neural Networks (CNNs) in imaging but also delves into Recurrent Neural Networks (RNNs) for sequential data, Long Short-Term Memory networks (LSTMs), Transformers, and generative models such as Generative Adversarial Networks (GANs). Students will learn to design and train complex deep networks, master practical techniques like transfer learning and data augmentation, and become proficient in using frameworks like PyTorch/TensorFlow to solve real-world problems.

Natural Language Processing: This course focuses on enabling machines to understand and generate human language, covering the complete knowledge spectrum from classical methods to cutting-edge large models. It systematically introduces statistical language models, word embeddings, and deep learning-based sequence models. The core content delves into the principles and applications of the attention mechanism, Transformer architecture, and Large Language Models (LLMs). Through a combination of theory and practice, students will learn to build systems for core NLP tasks such as machine translation, text summarization, and sentiment analysis.

Data Science and Engineering: This course aims to cultivate students' ability to manage and process large-scale data in real-world scenarios, serving as a bridge between algorithms and production environments. It covers the entire lifecycle of data science, including data acquisition, cleaning, feature engineering, and large-scale data storage and querying. Students will learn to use modern data infrastructure and distributed computing frameworks (e.g., Spark) and master the skills to deploy machine learning models into production (MLOps) to solve practical, data-driven business problems.

(c) Teaching Staff

XIA Jingming (Ph.D, Professor)
Research direction: Meteorological big data processing, data visualization, image processing, deep learning, pattern recognition, and technology transfer in related fields.

LIU Hui (Ph.D, Professor)
Research direction: Biomedical engineering, fundamentals of machine learning and interpretable methods, upgrading of power grids and new energy industries.

HUAN Hai (Ph.D, Professor)
Research direction: Semantic segmentation of remote sensing images, image super-resolution reconstruction, and other artificial intelligence-related directions.

ZHOU Yuan (Ph.D, Associate Professor)
Research direction: Generative models, few-shot learning, computer vision, multimodal fusion.

TANG Long (Ph.D, Associate Professor)
Research direction: Artificial intelligence, data mining, pattern recognition, machine vision.

YANG Bo (Ph.D, Associate Professor)
Research direction: Autonomous perception, localization, and navigation for intelligent robots. Specifically includes research on intelligent fusion of multi-source information such as vision, inertial measurement units, ultra-wideband, and 3D LiDAR, as well as collaborative perception for multi-agent systems.

WANG Xiangxue (Ph.D, Professor)
Research direction: Medical image computing for cancer-assisted diagnosis.

RONG Huan (Ph.D, Associate Professor)
Research direction: Multimedia mining in social networks, complex machine learning theory, knowledge graphs and knowledge engineering.

LIU Yaohua (Ph.D, Lecturer)
Research direction: Distributed machine learning, optimization algorithms.

WAN Zhuo (Ph.D, Lecturer)
Research direction: Brain network modeling, multimodal medical data analysis, prediction of brain cognition and neurodegenerative diseases.

(2) Teaching Methods

The program is taught in English. Based on the student-centered teaching philosophy,

the students' learning progress and knowledge mastery are closely tracked through Q&A, quiz, homework and reports, etc., to form an ongoing evaluation. The teaching integrates theory with practice and comprehensively uses various teaching forms and methods such as classroom lectures, example explanations, study visits and practice.

(3) Class Sessions

Students shall register at the University from September 2026.

The supervisor and the students stipulate the cultivation plan within two weeks since registration. Students shall finish all the courses and obtain requested credits in the first and second semesters. Students shall finish the topic selection and the dissertation proposal at the beginning of the third semester. Students shall finish the mid-term evaluation before the end of the third semester. Students shall finish the pre-defense, dissertation review and dissertation defense in the fourth semester.

Students are supposed to graduate and depart from China before July 15, 2028.

(4) Dissertation

(a) Requirement of Dissertation

The whole thesis or part of it shall reach the level of publication in international or domestic core journals. Students shall publish at least one academic papers in published journals or international conference during the study at NUIST with the student being the first author or the supervisor being the first author and the student the second.

Students shall attend the mid-term evaluation at the beginning of the third semester. Those who fail in the evaluation cannot apply for the dissertation defense. The dissertation format refers to The Format of NUIST Postgraduates' Dissertation. The dissertation and its defense can be done in Chinese or English. If the dissertation is written in English, its abstract must be in Chinese.

Students shall complete the dissertation independently under the instruction of the supervisors. The dissertation shall be the research findings of students themselves. Popular paper, thesis of vague theories, writings of comprehensive achievements of others or translated articles are not regarded as students' findings.

The fundamental scientific ideas, conclusion and implications of the dissertation shall offer theoretical inspirations and applicable values to domestic economy.

The issues discussed in the dissertation shall reflect the solid theoretical and systematic expertise of the author in the related discipline.

The author shall be equipped with certain research techniques and methodological skills (e.g. computing, experimental skills, detection and measuring skills), which indicate the author's abilities of conducting scientific research and specific technical work independently.

The author shall have innovative ideas or manage the theoretical or practical findings in the research acquired by the dissertation.

The dissertation shall include: title, contents, preface and review, body, conclusion, reference, appendix, abstract.

(b) Requirement of Dissertation Defense

The thesis defense shall last no less than 45 minutes for master's degree candidates. Master's degree candidates will get an Excellent, Qualified or Unqualified on the dissertation defense. Master's degree candidates who fail the defense can revise the dissertation within one year and apply for a make-up defense after the approval of the Dissertation Defense Committee and the Graduate School, NUIST. Students who pass the make-up defense can get their master's degrees in the next year. Students who fail the make-up defense will have no further chance of defense.

(5) Degree-granting

Students shall pass the courses and obtain the required credits for graduation, achieve International Chinese Proficiency Standard Level 3 (get HSK Level 3 Certificate)or above, pass the dissertation defense and have no record of disciplinary sanctions at the time of degree application. Students will then be awarded Master's Degree of Science in the Major of Meteorology upon approval by the Academic Degree Evaluation Committee of NUIST.

NUIST shall grant students Graduation Certificate and Degree Certificate. The certificates are written in Chinese. The degree certificate conferred on international students is equally authentic with Chinese domestic students.

II. Application Instruction

1. Requirements

All applicants must meet the following requirements:

(1) Applicants must be non-Chinese citizens from developing countries, abide by laws and regulations of People's Republic of China and the regulations of Nanjing University of Information Science & Technology, and show proper respect for Chinese customs.

(2) Applicants must be government cadres of division level or above (or corresponding level), senior management staff of institutions and enterprises, or leading academic talents in universities or academic institutions.

(3) Applicants must obtain a Bachelor's degree in the field of computer science or electronic information with CGPA 2.8 or above (out of 4); have good English proficiency; have at least 3-year relevant work experience; under the age of 45 (born after September 1, 1981).

(4) Applicants who are not native English speakers are required to present English Language Proficiency Certificate. If the undergraduate education was in English, applicants shall submit a certificate of the English-medium education. Otherwise, language tests such as TOEFL 80 (or above) or IELTS 6.0 (or above) shall be submitted.

(5) Applicants shall be in good physical and psychological condition and have the health certificate or medical check-up report presented by the local public hospital. Applicants shall not carry any disease or fall into any of the situation listed below: diseases prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations; other severe chronic diseases like high blood pressure, cardiovascular and cerebrovascular diseases, diabetes and cancer, etc.; psychological diseases; other infectious diseases which may have a serious impact on public health; in recovery period after major surgery or acute disease attacks; with severe physical disability. Pregnant women are rejected to participate in the program. If a female student gets pregnancy during the study, she has to quit university.

(6) Applicants have career development potentials in the field of meteorology and sincerely commit themselves to promoting friendly communication and cooperation between the home country and China.

(7) Students who are in China or admitted by Chinese Government Scholarship cannot apply for this program.

2. Procedures

(1) Application to NUIST

Please log onto NUIST's online application system (**https://nuist.17gz.org/member/login.do**), register an applicant account, fill in personal information and upload required application documents.

Please be noted that:

(a) Please register with valid email address, or you cannot activate your account. After a successful registration, an account activate code will be sent to your email.

(b) Please choose the program of "MOFCOM Scholarship" when you start the online application.

(2) Application Documents

Documents		Requirements
1	Notarized Highest Diploma	Scanned copy of notarized degree certificate.
2	Official Transcripts	Scanned copy of transcripts which list all courses taken and all scores obtained.
3	Study Plan	A study plan includes the information of goals set for each study stage, the tasks and research activities planned during the study duration, etc. This should be a minimum of 1,000 words.
4	Recommendation Letters	Two recommendation letters are required: one by a superior in the institution where the applicant works; the other by a professor who knows the applicant well.
5	English Language Proficiency Test Results	Applicants who are not native English speakers or whose undergraduate education was not conducted in English shall provide TOEFL or IELTS test scores or other sufficient English proficiency certificate.
6	Physical Examination Form	The health form shall be issued within one month before the submission of application, showing that the applicant is in good physical condition and carries no infectious diseases which may have a serious impact on public

		health or fall into any of the health situations prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations.
7	Photocopy of a Valid Passport	The passport must be an ordinary passport, showing the information of Name and Passport No., etc. Diplomatic Passport or Service Passport are not accepted.
8	Attestation of No-criminal Record	Valid attestation of no-criminal record.
9	Other Supporting Materials	Such as published academic papers or other academic achievements, certificates of awards and training, etc.

(3) Submission

(a) Applicants shall first get approval and recommendation from the dispatching authority of the home country, then submit the application documents according to the specific requirement of the authority.

(b) If the dispatching authority of applicants' home country allows a direct application to the Economic and Commercial Counselor's Office of the Chinese Embassy, applicants can submit all the application documents listed in the above table as well as the NUIST Application Form and Chinese Government Scholarship Application Form in both hard copy and scanned copy to the Economic and Commercial Counselor's Office of the Chinese Embassy, together with the certification or recommendation issued by the dispatching authority of the home country.

(c) The dispatching authority of the home country should submit a written request to the Economic and Commercial Counselor's Office of the Chinese Embassy for an official recommendation letter for applicants and clearly state whether the applicants are willing to be considered for a similar program at other universities if the program at NUIST is already full. Other special requests can be put forward too if any.

Reminders:

a) All the documents to be submitted should be in Chinese or English. Otherwise, a notarized copy in Chinese or English is required.

b) An original copy of degrees, transcripts and language certificates must be presented for on-site verification.

c) Applicants will get back all the hard-copy materials, both original copies and photocopies from the Economic and Commercial Counselor's Office. If

admitted, they must take the documents to China for verification and submit them to NUIST during registration.

3. Deadline

The application deadline is June 6, 2026.

III. Other Important Information

1.Contact

Contact person: Mr. ZHONG Xia (Jeremy)

E-mail: jeremy@nuist.edu.cn

Tel: (86-25) 58699848

Fax: (86-25) 58731019

Website: gjy.nuist.edu.cn

Mailing address: College of International Education, Nanjing University of Information Science & Technology, 219 Ningliu Road, Pukou District, Nanjing, Jiangsu Province, China.

2. Others

(1) All the application documents will not be returned whether the application is successful or not.

(2) Chinese government will not explain the details of admission whether applicants are admitted or not.

(3) Spouses and children are not allowed to accompany students studying. All the expenses related to spouses and children's visiting China are not covered by the scholarship program.

(4) The formalities of entering China and other requirements will be informed in the admission documents.