

# “Discover Jiangsu” International Summer Program 2025

## “AI Empowers Innovation & Intelligent Construction Leads the Future”

### Program Brochure

#### 1. Program Background

To promote cutting-edge exploration and development in the global intelligent construction field and to establish an international platform for cooperation and exchange, Nanjing Tech University (NanjingTech) is organizing an International Summer Program from June 30th to July 12th, 2025, titled “AI Empowers Innovation & Intelligent Construction Leads the Future”.

This program aims to showcase the achievements and successful experiences in the field of “Deep integration of intelligent construction and artificial intelligence” to young talents. Through this program, the latest research progress in artificial intelligence and intelligent construction will be introduced.

#### 2. University Overview



Established over a century ago, NanjingTech boasts a distinguished history and enjoys a prestigious reputation as one of the first 14 universities selected into China’s Higher Education Innovation Capability Improvement Plan (the “2011 Plan”). It is also a key comprehensive university in Jiangsu Province, renowned for its outstanding engineering education, playing a pivotal role in the Ministry of Education’s Outstanding Engineer Education and Training Program and Professional Degree Postgraduate Education Comprehensive Reform Pilot Project.

NanjingTech has a strong research foundation and top-tier educational resources recognized both domestically and internationally. The university boasts a high-caliber faculty that includes academicians from the Chinese Academy of Sciences and the Chinese Academy of Engineering. With

11 schools and 28 colleges, it serves over 40,000 students across various disciplines. NanjingTech is ranked 56th in the Chinese mainland universities in ESI and Chemistry, Materials Sciences are among the top 1‰ in the world, Engineering, Biology & Biochemistry, Environment / Ecology, Physics and Agricultural Sciences are among the top 1% in the world. Chemistry and Materials Science were ranked in top100 in the world. We are ranked 38th in Chinese mainland universities in Nature Index 2023, 49th nationally in Times Higher Education World University Rankings 2023 and 43rd in Shanghai Ranking's Academic Ranking of World Universities 2023.

## College of Civil Engineering

Originating from the Tung-Chi Medical and Engineering School founded in 1915, the College of Civil Engineering at Nanjing Tech has evolved through numerous reforms and mergers to become today's high-level college integrating education, research, and practice. The college offers a complete undergraduate to postdoctoral talent cultivation system, having graduated nearly 20,000 students who have gained widespread recognition in society.

The college offers two undergraduate majors, Civil Engineering and intelligent construction, and possesses a profound teaching and research foundation in areas like intelligent building materials, green and low-carbon architecture, Building Information Modeling (BIM) technology, prefabricated construction, and smart operation and maintenance of buildings and infrastructure. Equipped with a national first-class key discipline, provincial advantageous disciplines in Jiangsu, and multiple national and provincial-level research platforms, the college has achieved significant research results, garnering awards such as the National Science and Technology Progress First Prize. The university's Civil Engineering program is globally recognized, ranking between 51-57 in the Shanghai Ranking's Global Ranking of Academic Subjects.



### 3. Discipline Focus & Teaching Schedule

Focusing on the first-level discipline of Civil Engineering, the summer program will feature specialized courses centered around themes like intelligence construction with artificial intelligence technology.

The program will provide academic immersive courses and cultural experiences. During this period, participants will attend various seminars and lectures, experience Chinese culture firsthand, and gain practical insights into China's advancements in artificial intelligence and intelligent construction through site visits.

### 4. Admission Targets

Open to foreign undergraduates and graduates who are already studying in China. To make the summer program more diverse, Nanjing Tech will select a certain percentage of its own outstanding students to participate.

Prospective participants must submit their application form by June 15th, 2025, via email to the designated address. A selection committee will review applications based on academic performance, overall quality, and regional representation to finalize the admission list.

### 5. Important Dates

**Application Deadline:** June 18th, 2025

**Admission Results Announcement:** June 20th, 2025

**Registration & Check-in:** June 30th, 2025

**Program Duration:** June 30th – July 12th, 2025

### 6. Notes for Application

**Expense:** Successful candidates will enjoy tuition waivers, free accommodation (with off-campus participants generally housed in student dormitories at Nanjing Tech, waiving the on-campus housing fee). They will also participate in all academic activities and cultural excursions free of charge.

**\*Note:** Travel expenses, visa fees, and insurance costs are the responsibility of the participant.

#### **Application Method:**

Please fill out the application form and send back through email before 5 p.m. on June 18th.

#### **Contact Information:**

For any inquiries, please contact Mr. Lai at email: [brightlai@njtech.edu.cn](mailto:brightlai@njtech.edu.cn).

# 2025“锦绣江苏”国际暑期项目

## “人工智能赋能创新，智能建造引领未来”

### 项目简章

#### 1. 项目背景

为促进全球智能建造领域的前沿探索和发展，建立国际合作与交流平台，南京工业大学将于2025年6月30日至7月12日举办国际暑期项目，题为“人工智能赋能创新，智能建筑引领未来”。

本暑期项目旨在向年轻人才展示“智能建造与人工智能深度融合”领域的成就和成功经验。通过该项目，将介绍人工智能和智能建造的最新研究进展。

#### 2. 学校介绍



南京工业大学，这座历史悠久且享有盛誉的高等学府，创建至今已有逾百年的辉煌历程，是中国首批入选“高等学校创新能力提升计划（2011计划）”的14所高校之一，也是江苏省重点建设的综合性大学。学校以卓越的工程教育而著称，在教育部卓越工程师教育培养计划和专业学位研究生教育综合改革试点中占据重要地位。

南京工业大学以其雄厚的科研实力和一流的教育资源享誉国内外，拥有一支包括中国科学院院士和中国工程院院士在内的高水平师资队伍。学校设有11个学部，28个学院，各类学生4万余人。拥有国家一级重点学科1个，博士后科研流动站9个，一级学科博士学位授予点8个、博士专业学位授予点1个、一级学科硕士学位授予点29个、硕士专业学位授予点18个，

跨工、理、管、经、文、法、医、艺、教 9 个学科门类。学校积极开展国际化交流合作，不断提升国际影响力，吸引着来自世界各地的优秀学子。

## 土木工程学院

南京工业大学土木工程学院起源于 1915 年创立的同济医学与工程学校，历经多次变革与合并，逐步成长为今日集教育、科研、实践于一体的高水平土木工程学院。学院拥有完整的本科到博士后人才培养体系，已累计培养出近二万名毕业生，深受社会广泛赞誉。

学院设有两个本科专业，包括土木工程和智能建造，在智能建筑材料与绿色低碳建筑、BIM 技术、装配式建筑、建筑与基础设施智慧运维等领域有着深厚的教学和研究基础。学院配备了国家一级重点学科、江苏省优势学科以及多个国家级和省级科研平台，科研成果显著，曾荣获国家科技进步一等奖等多项荣誉。



### 3. 学科领域与教学安排

本暑期项目将围绕人工智能和智能建造等主题开设一系列特色课程，以学术体验及文化体验的形式展开。期间，参与者不仅能参加丰富的学术研讨会和讲座，还有机会亲身体会中国文化，并通过实地参观了解中国在人工智能和智能建造方面的进步。

### 4. 招生对象

本暑期项目主要面向已在华外国留学生开放。为了使暑期项目更加多样化，南京工业大学也将选拔一定比例的本校优秀学子参加。

有意参与者必须在 2025 年 6 月 18 日前通过电子邮件将申请表提交到指定邮箱。遴选小组将根据学术成绩、综合素质和地区代表性审查申请，以最终确定录取名单。

## 5. 重要时间

**报名截止：**2025 年 6 月 18 日

**录取公布：**2025 年 6 月 20 日

**注册报到：**2025 年 6 月 30 日

**项目时间：**2025 年 6 月 30 日-7 月 12 日

## 6. 报名须知

**费用：**成功入选的学员全程免费学习，免费食宿（校外参加学生入住南京工业大学校内学生公寓），免费参加各类学术活动及文化考察。

\*往来旅费、签证费、保险费等自理。

**报名方式：**请填写申请表，并于 6 月 18 日下午 5 点前通过电子邮件发回。

**联系方式：**如有任何疑问，请联系赖老师，邮箱：[brightlai@njtech.edu.cn](mailto:brightlai@njtech.edu.cn)。